

N00213.AR.000132
NAS KEY WEST
5090.3a

UNDERGROUND STORAGE TANK CLOSURE LETTER REPORT FOR TANK 1276C AT
TRUMAN ANNEX BUILDING 1276 VOLUME 2 OF 2 APPENDICES NAS KEY WEST FL
9/12/1995
OMEGA ENVIRONMENTAL SERVICES INC

0203



OMEGA ENVIRONMENTAL SERVICES, INC.

4661 Hammermill Rd. Suite B Tucker, GA 30084

Tel: (770) 621-9414 Fax: (770) 934-2451

September 12, 1995

subject: Underground Storage Tank Closure
 Naval Air Station, Key West, Florida
 Tank 1276C
 Contract No. N62467-93-C-0645

Omega Environmental Services is pleased to submit this closure report and Closure assessment form 17-176.900(6) to Mark Ewing, Key West, NAS Project Manager. We recommend that this report be submitted to the following offices.

Florida Department of Environmental Regulations
South District Office
2269 Bay Street
Ft. Myers, Florida 33901-2896

Bob Turner
Monroe County Public Health Services
P.O. Box 6193
Key West, Florida 33041-6193

It is my professional opinion that this report meets the Florida Department of Environmental Regulations reporting requirements for Underground Storage Systems, and also meets the specifications required by the Department of the Navy described in contract N62467-93-C-0645, Section 02082, p.3.23 (Closure Reports).

Omega Environmental Services greatly appreciates the opportunity to assist Naval Air Station, Key West, Florida in the Closure of the underground storage tanks associated with this project. If you have any questions do not hesitate to call for further assistance.

Sincerely,

A handwritten signature in black ink, appearing to read "J. H. Moss", is located below the word "Sincerely,".

J. H. Moss, PE
Professional Engineer

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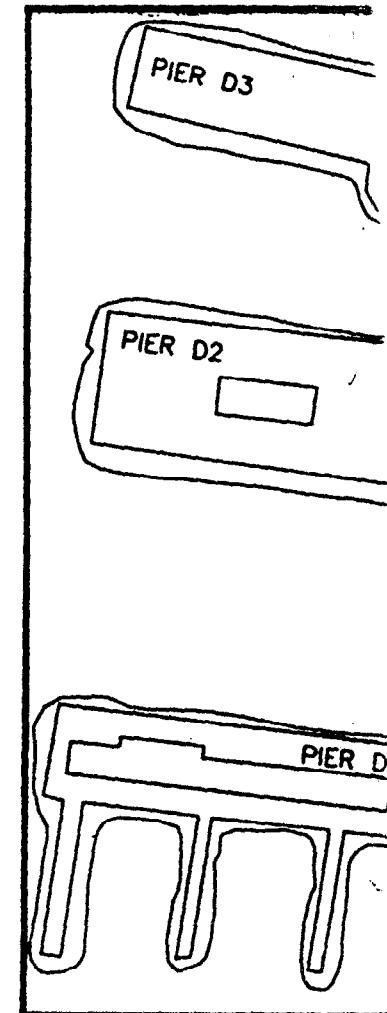
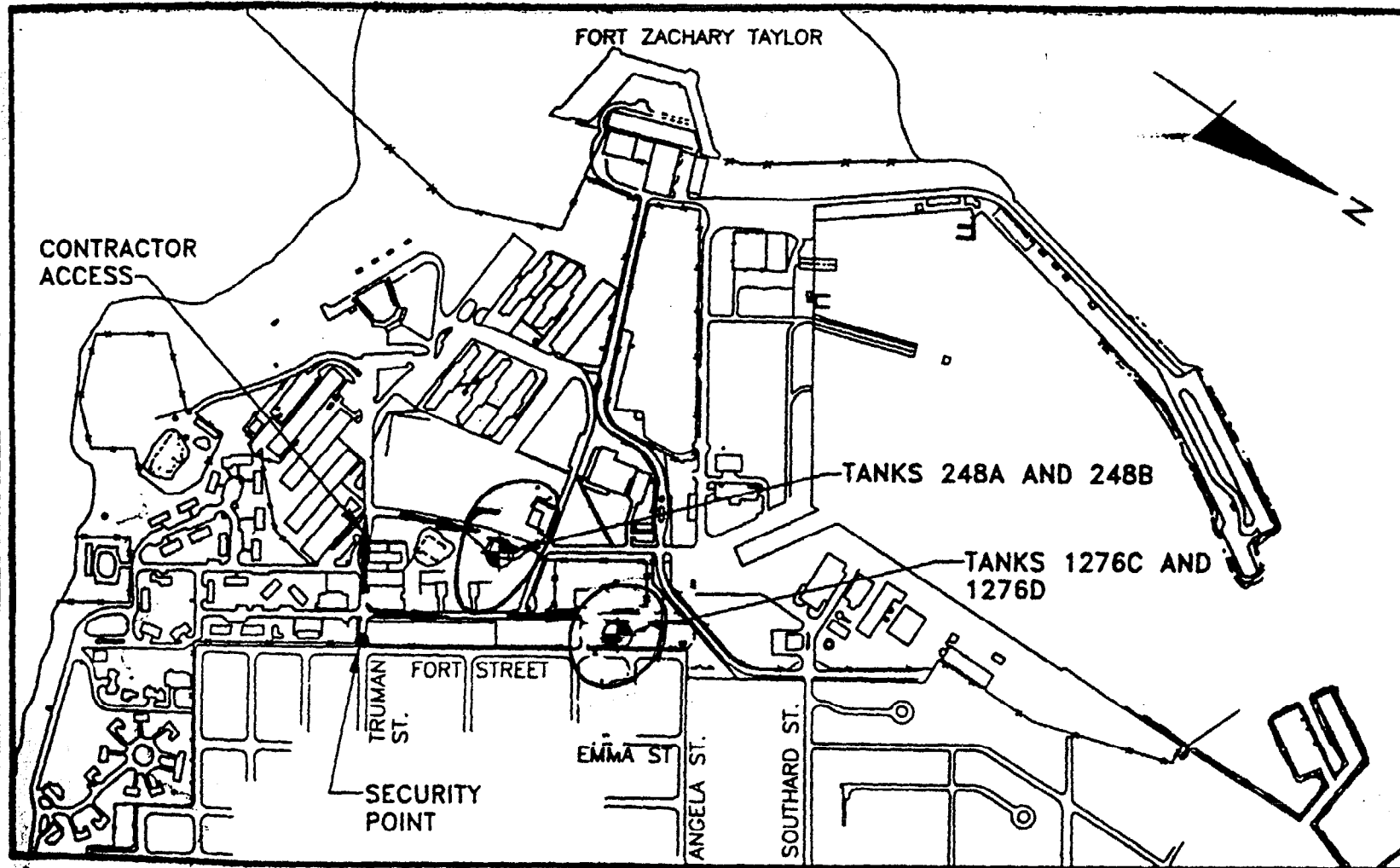
Appendices

Appendix 1	Site Plan and Site Maps
Appendix 2	Soil Screening Data & Sample Locations
Appendix 3	FDER Closure Assessment Forms
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APPENDIX 1

BOCA CHICA AREA PLAN

(TANKS A244, 322A, 322B, 322C, 322D, A526, AND A902B)



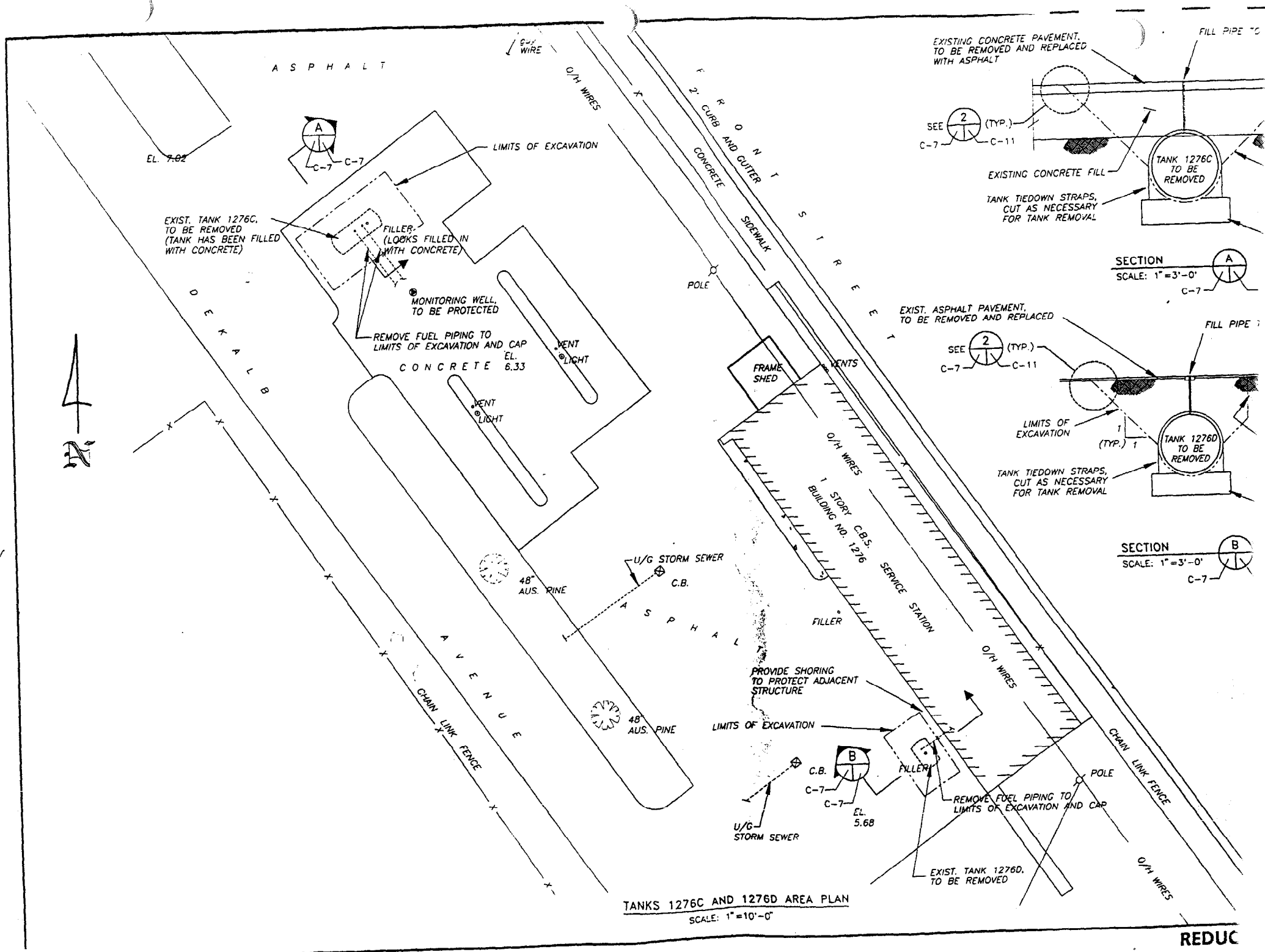
TRUMAN ANNEX AREA PLAN

(TANKS 248A, 248B, 1276C, AND 1276D)

TRUMBO POINT

(TANKS B14A, B14B)

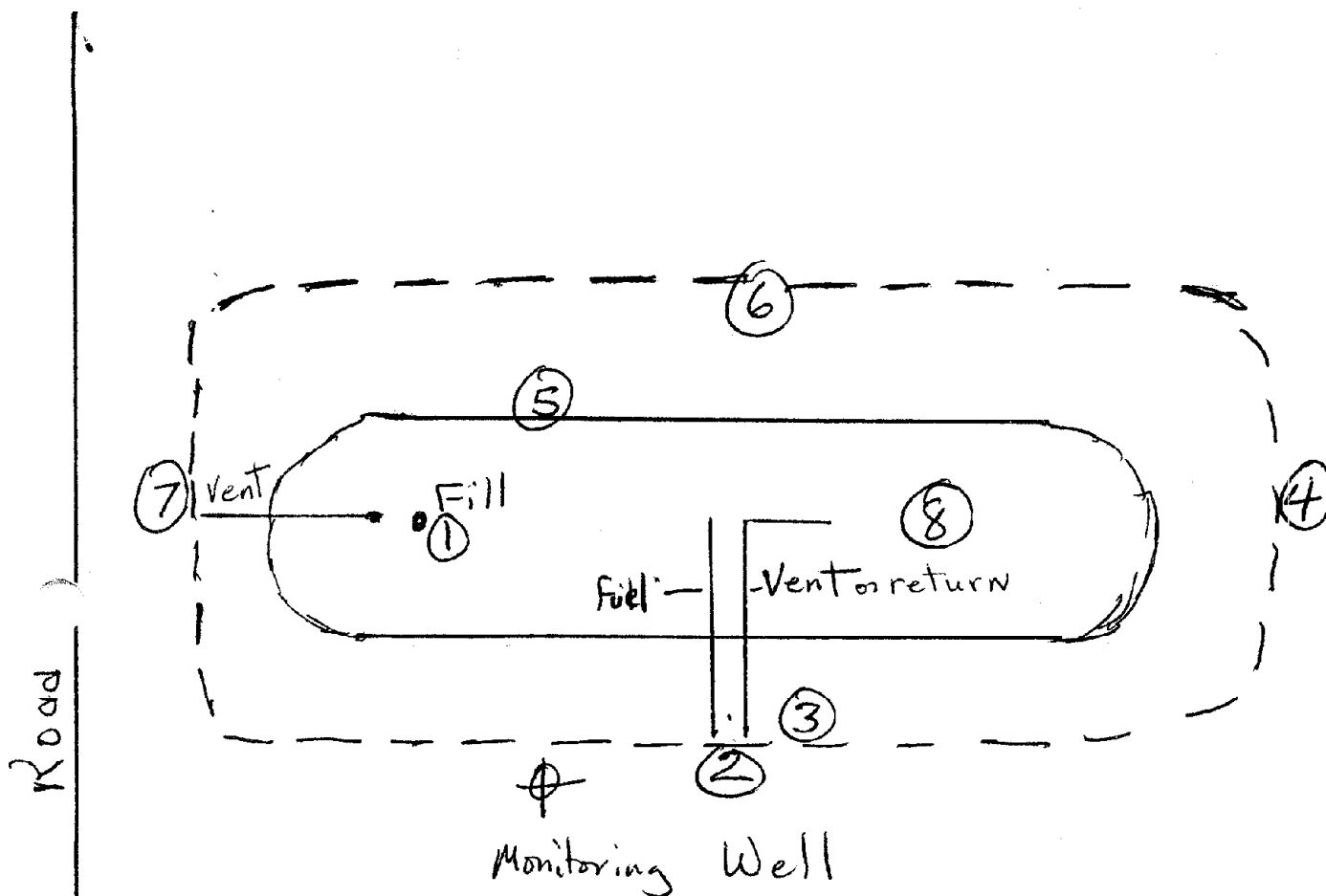
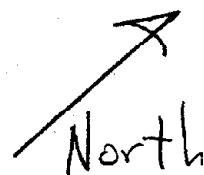
SCALE: 1" = 500'-0"



APPENDIX 2

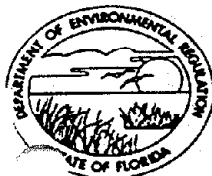
OVA Field Data Sheet

Project Name Key West NAS				Contract Number N62467-93-C-0645		Comments Gasoline Tanks		
Site Name or Number 1276C			Date 14-Aug-95					
Calibration Information		Date	14-Aug-95		Time			
Instrument Fosxboro 108				Calibration Gas Methane Standard		Sample Technician John Mount		
Actual Concentration 98			Measured Concentration 98			All Readings Measured in Parts per Million		
Sample Number	Sample Location	Sample Method	Sample Temperature	Date Sampled	Time Sampled	OVA Reading	Methane Reading	Corrected Reading
1	Fill Pipe	Grab	85° f.	11-Aug-95	6:30pm	15.00	0.00	15.00
2	Piping	Grab	85° f.	11-Aug-95	6:30pm	7.00	0.00	7.00
3	South Wall	Grab	85° f.	11-Aug-95	6:30pm	10.00	0.00	10.00
4	East Wall	Grab	85° f.	11-Aug-95	6:30pm	7.00	0.00	7.00
5	South Bottom	Grab	85° f.	11-Aug-95	6:30pm	7.00	0.00	7.00
6	North Wall	Grab	85° f.	11-Aug-95	6:30pm	7.00	0.00	7.00
7	West Wall	Grab	85° f.	11-Aug-95	6:45pm	12.00	0.00	12.00
8	North Bottom	Grab	85° f.	11-Aug-95	6:45pm	15.00	0.00	15.00



Sample #	Depth BGS
1	6 inches
2	1 ft.
3	5 ft
4	5 ft
5	12 ft
6	6 ft
7	6 ft
8	12 ft

APPENDIX 3



Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

DER Form #	17-781.900(5)
Form Title	Closure /Assessment Form
Effective Date	December 10, 1990
DER Application No.	(Filed in by DER)

Closure Assessment Form

Owners of storage tank systems that are replacing, removing or closing in place storage tanks shall use this form to demonstrate that a storage system closure assessment was performed in accordance with Rule 17-761 or 17-762, Florida Administrative Code. Eligible Early Detection Incentive (EDI) and Reimbursement Program sites do not have to perform a closure assessment.

Please Print or Type
Complete All Applicable Blanks

- Date: 9-14-95
- DER Facility ID Number: 44940059
- County: Monroe
- Facility Name: Truman Annex Navy Exchange
- Facility Owner: U.S. Navy
- Facility Address: Bldg. 1276
- Mailing Address: Naval Air Station, Key West, FL 33040-5000
- Telephone Number: (305) 293-2030
- Facility Operator: Jim Simmen
- Are the Storage Tank(s): (Circle one or both) A. Aboveground or B. Underground
- Type of Product(s) Stored: _____
- Were the Tank(s): (Circle one) A. Replaced B. Removed C. Closed in Place D. Upgraded (aboveground tanks only)
- Number of Tanks Closed: Two (1276 C)
- Age of Tanks: 21 yrs

Facility Assessment Information

Yes No Not Applicable

☐ ☐ NA

☒ ☐ ☐

☐ ☒ ☐

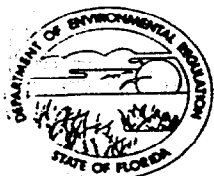
☐ ☐ ☒

☐ ☒ ☐

☐ ☐ ☒

☒ ☐ ☐

- Is the facility participating in the Florida Petroleum Liability Insurance and Restoration Program (FPLIRP)?
- Was a Discharge Reporting Form submitted to the Department?
If yes, When: _____ Where: _____
- Is the depth to ground water less than 20 feet?
- Are monitoring wells present around the storage system?
If yes, specify type: ☐ Water monitoring ☐ Vapor monitoring
- Is there free product present in the monitoring wells or within the excavation?
- Were the petroleum hydrocarbon vapor levels in the soils greater than 500 parts per million for gasoline?
Specify sample type: ☐ Vapor Monitoring wells ☐ Soil sample(s)
- Were the petroleum hydrocarbon vapor levels in the soils greater than 50 parts per million for diesel/kerosene?
Specify sample type: ☐ Vapor Monitoring wells ☒ Soil sample(s)
- Were the analytical laboratory results of the ground water sample(s) greater than the allowable state target levels?
(See target levels on reverse side of this form and supply laboratory data sheets)
- If a used oil storage system, did a visual inspection detect any discolored soil indicating a release?
- Are any potable wells located within 1/4 of a mile radius of the facility?
- Is there a surface water body within 1/4 mile radius of the site? If yes, indicate distance: 1/4 mile



Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

DER Form #	17-761.800(5)
Form Title	Underground Storage Tank Installation & Removal Form for Certified Contractors
Effective Date	December 10, 1990
DER Application No.	(Filed in by DER)

Underground Storage Tank Installation and Removal Form For Certified Contractors

Pollutant Storage System Specialty Contractors as defined in Section 489.113, Florida Statutes (Certified contractors as defined in Section 17-761.200, Florida Administrative Code) shall use this form to certify that the installation, replacement or removal of the storage tank system(s) located at the address listed below was performed in accordance with Department Reference Standards.

General Facility Information

- DER Facility Identification No.: 44940059
- Facility Name: Truman Annex Navy Exchange Telephone: (305) 293-2030
- Street Address (physical location): Building 1276
Naval Air Station, Key West, FL 33040-5000
- Owner Name: Commanding Officer (Code 1883) Telephone: (305) 293-2030
- Owner Address: Naval Air Station, Key West, FL 33040-5000
- Number of Tanks: a. Installed at this time _____ b. Removed at this time 1276C
- Tank(s) Manufactured by: _____
- Date Work Initiated: _____ 9. Date Work Completed: _____

Underground Pollutant Tank Installation Checklist

Please certify the completion of the following installation requirements by placing an (X) in the appropriate box.

- The tanks and piping are corrosion resistant and approved for use by State and Federal Laws. ☐
- Excavation, backfill and compaction completed in accordance with NFPA (National Fire Protection Association) 30(87), API (American Petroleum Institute) 1615, PEI (Petroleum Equipment Institute) RP100-87 and the manufacturers' specifications. ☐
- Tanks and piping pretested and installed in accordance with NFPA 30(87), API 1615, PEI/RP100(87) and the manufacturers' specifications. ☐
- Steel tanks and piping are cathodically protected in accordance with NFPA 30(87), API 1632, UL (Underwriters Laboratory) 1746, STI (Steel Tank Institute) R892-89 and the manufacturer's specifications. ☐
- Tanks and piping tested for tightness after installation in accordance with NFPA 30(87) and PEI/RP100-87. ☐
- Monitoring well(s) or other leak detection devices installed and tested in accordance with Section 17-761.640, Florida Administrative Code (F.A.C.) ☐
- Spill and overfill protection devices installed in accordance with Section 17-761.500, F.A.C. ☐
- Secondary containment installed for tanks and piping as applicable in accordance with Section 17-761.500, F.A.C. ☐

Please Note: The numbers following the abbreviations (e.g. API 1615) are publication or specification numbers issued by these institutions.

Underground Pollutant Tank Removal Checklist

- Closure assessment performed in accordance with Section 17-761.800, F.A.C. ☒
- Underground tank removed and disposed of as specified in API 1604 in accordance with Section 17-761.800, F.A.C. ☒



Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

780 P06

JUL 11 '95 08:20

DER Form 17-781.9000
Form Title: Storage Tank Registration Form
Effective Date: December 10, 1990
DER Application No. _____
Date of 2nd DER _____

Storage Tank Registration Form

Please Print or Type - Review Instructions Before Completing Form

1. DER Facility ID Number: 44940059 2. Facility Type: F
3. New Registration ☐ New Owner Data ☐ Facility Revision ☐ Tank(s) Revision ☒
4. County and Code of tank(s) location: _____ / _____

5. Facility Name: Truman Annex Navy Exchange
Tank(s) Address: Building #1276
City/State/Zip: _____
Contact Person: Mark Ewing Telephone: (305) 293-3626
6. Financial Responsibility Type: _____

- 7a. Tank(s) Owner: Department of the Navy, SouthDir
Owner Mailing Address: Contracts Office NAS Building A-718
City/State/Zip: Key West, Florida 33040-9018
Contact Person: Mark Ewing Telephone: (305) 293-3626

- 7b. New Owner Signature/Change Date: _____ / _____ / _____

8. Location (optional) Latitude: _____° _____' _____" Longitude: _____° _____' _____" Section _____ Township _____ Range _____

Complete One Line For Each Tank At This Facility (Use Codes - See Instructions)

Complete 9 - 16 for tanks in use; 9 - 19 for tanks out of use

9	10	11	12	13	14	15	16	17	18	19
1276C	1,000	B		U	C	Y	Y	F	40	
1276D	550	L		U	C	Y	Y	F	15	

20. EDS Contracting, Inc. DPR# PC C056549
Certified Contractor* Department of Professional Regulation License Number*

*For new tank installation or tank removal

To the best of my knowledge and belief all information submitted on this form is true, accurate and complete.

Mark Ewing, Ass. Resident Engineer
Print name & title of owner or authorized person

Signature

Date

Northwest District
160 Government Center
Pensacola, Florida 32501-3739
904-478-4700

Northwest District
7825 Baymeadows Way, Suite B 300
Jacksonville, Florida 32217
904-788-4700

Central District
3319 Mayport Blvd., Suite 232
Orlando, Florida 32803-3737
407-684-7555

Southeast District
4529 Oak Forest Blvd.
Tampa, Florida 33610-1347
813-473-5661

South District
2268 Bay St.
Fort Myers, Florida 33901-2690
813-332-6973

Southeast District
1900 S Congress Ave., Suite A
West Palm Beach, Florida 33411
407-433-2900

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APPENDIX 4



OMEGA ENVIRONMENTAL SERVICES
4661 HAMMERMILL ROAD, SUITE B
TUCKER, GA 30084
ATTN: M. DOUG DRIVER

ANALYTICAL REPORT

Submission #: 9508000183
Date Received: 08/16/95
Date Reported: 08/30/95

Client PO Number:
Project Number: 95012
Project: KEY WEST NAS

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Lab Sample Number: 122370
Date Sampled: 08/14/95
Client Sample Number: 1276-C
Sample Description: GROUND WATER

Method	Component	Unit	Result	Analyst	Date Analyzed	Date Prepared
239.1	LEAD	MG/L	<0.020	JB	08/18/95	
504.1	ETHYLENE DIBROMIDE	UG/L	<0.010	VRP	08/17/95	08/17/95
601	BROMODICHLOROMETHANE	UG/L	<0.50	RM	08/16/95	
601	BROMOFORM	UG/L	<0.50	RM	08/16/95	
601	BROMOMETHANE	UG/L	<0.50	RM	08/16/95	
601	CARBON TETRACHLORIDE	UG/L	<0.50	RM	08/16/95	
601	CHLOROBENZENE	UG/L	<0.50	RM	08/16/95	
601	CHLOROETHANE	UG/L	<0.50	RM	08/16/95	
601	CHLOROFORM	UG/L	<0.50	RM	08/16/95	
601	CHLOROMETHANE	UG/L	<0.50	RM	08/16/95	
601	2-CHLOROETHYL VINYL ETHER	UG/L	<1.5	RM	08/16/95	
601	DIBROMOCHLOROMETHANE	UG/L	<0.50	RM	08/16/95	
601	1,2-DICHLOROBENZENE	UG/L	<0.50	RM	08/16/95	
601	1,3-DICHLOROBENZENE	UG/L	<0.50	RM	08/16/95	
601	1,4-DICHLOROBENZENE	UG/L	<0.50	RM	08/16/95	
601	DICHLORODIFLUOROMETHANE	UG/L	<0.50	RM	08/16/95	
601	1,1-DICHLOROETHANE	UG/L	<0.50	RM	08/16/95	
601	1,2-DICHLOROETHANE	UG/L	<0.50	RM	08/16/95	
601	1,1-DICHLOROETHENE	UG/L	<0.50	RM	08/16/95	
601	trans-1,2-DICHLOROETHENE	UG/L	<0.50	RM	08/16/95	
601	1,2-DICHLOROPROPANE	UG/L	<0.50	RM	08/16/95	
601	cis-1,3-DICHLOROPROPENE	UG/L	<0.50	RM	08/16/95	
601	trans-1,3-DICHLOROPROPENE	UG/L	<0.50	RM	08/16/95	
601	METHYLENE CHLORIDE	UG/L	<0.50	RM	08/16/95	
501	1,1,2,2-TETRACHLOROETHANE	UG/L	<0.50	RM	08/16/95	



OMEGA ENVIRONMENTAL SERVICES
4661 HAMMERMILL ROAD, SUITE B
TUCKER, GA 30084
ATTN: M. DOUG DRIVER

ANALYTICAL REPORT

Submission #: 9508000183
Date Received: 08/16/95
Date Reported: 08/30/95

Client PO Number:
Project Number: 95012
Project: KEY WEST NAS

Page 21

Lab Sample Number: 122370
Date Sampled: 08/14/95
Client Sample Number: 1276-C
Sample Description: GROUND WATER

Method	Component	Unit	Result	Analyst	Date Analyzed	Date Prepared
501	TETRACHLOROETHENE	UG/L	<0.50	RM	08/16/95	
601	1,1,1-TRICHLOROETHANE	UG/L	<0.50	RM	08/16/95	
601	1,1,2-TRICHLOROETHANE	UG/L	<0.50	RM	08/16/95	
601	TRICHLOROETHENE	UG/L	<0.50	RM	08/16/95	
601	TRICHLOROFLUOROMETHANE	UG/L	<0.50	RM	08/16/95	
601	VINYL CHLORIDE	UG/L	<0.50	RM	08/16/95	
602	BENZENE	UG/L	<0.50	RM	08/16/95	
602	CHLOROBENZENE	UG/L	<0.50	RM	08/16/95	
602	1,2-DICHLOROBENZENE	UG/L	<0.50	RM	08/16/95	
602	1,3-DICHLOROBENZENE	UG/L	<0.50	RM	08/16/95	
602	1,4-DICHLOROBENZENE	UG/L	<0.50	RM	08/16/95	
602	ETHYLBENZENE	UG/L	<0.50	RM	08/16/95	
602	METHYL tert-BUTYL ETHER	UG/L	<0.50	RM	08/16/95	
602	TOLUENE	UG/L	<0.50	RM	08/16/95	
602	o-XYLENE	UG/L	2.0	RM	08/16/95	
602	m-XYLENE	UG/L	1.1	RM	08/16/95	
602	p-XYLENE	UG/L	1.1	RM	08/16/95	

APPENDIX 5

Certificate of Disposal

Omega Environmental Services Inc. certifies that the following listed items have been disposed of in the described manner and all supporting data is accurate and complete. The listed items were disposed of as specified in API 1604 in accordance with Section 17-761.800 F.A.C.

Item Description

Tank 1276 C
10,000 Gallon Fiberglass Tank Building 1276.
Key West, NAS, Florida

Disposal Method

Tank was Cleaned and disassembled for Disposal at
Dade County Landfill
Dade County, Florida

Disposal Date

September 15, 1995

Contract Information

Remove Underground Storage Tanks
Key West, NAS, Florida
Contract No. N62467-93-C-0645
Department of The Navy

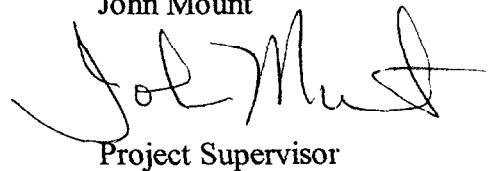
We Certify that the above information is accurate and complete.

Omega Environmental Services Representatives

Keith Jackson


President

John Mount


Project Supervisor

0449

KEY WEST TRANSFER STATION

CUSTOMER'S ORDER NO.	DEPT.	DATE
NAME		9/15/95
ADDRESS		

SOLD BY		CASH	C.O.D.	CHARGE	ON ACCT.	MOSE RETO.	PAID OUT
QUAN.		DESCRIPTION				PRICE	AMOUNT
1	1	Load of fiberglass					\$100.00
	2						
	3						
	4						
	5						
	6						
	7						
	8						
	9						
	10						
	11						
	12						
	13						
	14						
	15						
	16						
	17						
	18						

REC'D BY

REDIFORM

5L350/01350

KEEP THIS SLIP
FOR REFERENCE

Omega Environmental Services
Manifest Shipping Log
Tank 1276 C

Date	Shipper	Tank #	Manifest #	Quantity	Units
14-Aug-95	EMC	1276 D	29365	3500	Gallons
14-Aug-95	EMC	1276 D	29179	2500	Gallons

Totals

6000

Gallons

(305) 477-7497

EMC Oil Corporation
P.O. Box 520882 - Miami, FL 33152

(800) 344-8688

UNIFORM WASTE TRANSPORTERS MANIFEST
NO HAZARDOUS MIXTURES ACCEPTED - READ BOTTOM OF MANIFEST

1. Generator's Name and Mailing Address U.S., NAVY TRUMAN ANNEX, KEY WEST, FLA. 33040		A. Manifest Document # No 029365	
2. Generator's Phone (305) 296-5700 County of Origin (MONROE)		B. Generator's ID #'s EPA _____ STATE _____	
3. Transporter 1 Company Name EMC Oil Corporation 8470 N.W. 68th Street, Miami, FL 33166		4. US EPA ID Number FLR000000166	
5. Designated Facility Name and Site Address RINKER MATERIALS 1200 N.W. 137 AVE. MIAMI, FL. FLD981758485		6. US EPA ID Number FLR000000166	
7. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		8. Containers No. Type	
a. Oil NOS - Combustible Liquid NA 1270		9. Total Quantity 3500	
b. Used Oil Filters		10. Unit Wt. Vol	
c. Oily Water / Sludge		G. CHARGES	
d. Other: Specify			
H. Additional Descriptions for Materials Listed Above BILLING - OMEGA ENVIRONMENTAL		I. Total Due: Please pay on this invoice within 15 days. Thank you.	
11. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. I also confirm that the contents of this consignment contains no hazardous materials.			
Printed Typed Name John Mount for US Navy		Signature [Signature]	
Month Day Year 08/14/95			
12. Transporter 1 Acknowledgment of Receipt of Materials			
Printed Typed Name George L. Vincent		Signature [Signature]	
Month Day Year 08/14/95			
13. Facility Owner or Operator: Certification of receipt of waste material covered by this manifest.			
Printed Typed Name		Signature	
Month Day Year			

Broward County #'s 532 ☐ 533 ☐ 534 ☐ 535 ☐ 536 ☐ 537 ☐

Dear Generator: The following chemicals contain hazardous substances which when mixed with used oil reduces the recycling potential and can cause harmful effects to the environment.

DO NOT MIX WITH USED OIL
Antifreeze - Freon - Solvents - Thinner - Degreasers - Detergents - Cleaners - Radiator Fluid - Leaded Gasoline - Cutting Oil
CAN MIX WITH USED OIL
Motor Oils - Diesel Fuel - Grease - Brake Fluids - Hydraulic Fluids - Transmission Fluids

These lists are based on current information and may be expanded as more data becomes available. THANK YOU.

WHITE - Generator GREEN - Generator YELLOW - Transporter PINK - Transporter GOLDENROD - Transfer Station

(305) 477-7497

EMC Oil Corporation
P.O. Box 520882 - Miami, FL 33152

(800) 344-8688

UNIFORM WASTE TRANSPORTERS MANIFEST
NO HAZARDOUS MIXTURES ACCEPTED - READ BOTTOM OF MANIFEST

1. Generator's Name and Mailing Address US NAVY TRUMAN ANNEX Key West FL		A. Manifest Document # No 029179	
2. Generator's Phone (305 621-9414) County of Origin (Monroe)		B. Generator's ID #s EPA _____ STATE _____	
3. Transporter 1 Company Name EMC Oil Corporation 8470 N.W. 68th Street, Miami, FL 33166		4. US EPA ID Number FLR000000166	
5. Designated Facility Name and Site Address		6. US EPA ID Number FLR000000166	
7. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		8. Containers No. Type	
9. Total Quantity		10. Unit Wt. Vol	
G. CHARGES			
a. Oil NOS - Combustible Liquid NA 1270			
b. Used Oil Filters			
c. Oily Water / Sludge		2500	
d. Other: Specify			
H. Additional Descriptions for Materials Listed Above		I. Total Due. Please pay on this invoice within 15 days. Thank you.	
11. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. I also confirm that the contents of this consignment contains no hazardous materials.			
Printed Typed Name John Mountr		Signature [Signature]	
Month Day Year 8/4/95			
12. Transporter 1 Acknowledgment of Receipt of Materials			
Printed Typed Name George L. Vineyard		Signature [Signature]	
Month Day Year 08/14/95			
13. Facility Owner or Operator Certification of receipt of waste material covered by this manifest.			
Printed Typed Name		Signature	
Month Day Year			

Broward County #'s 532 ☐ 533 ☐ 534 ☐ 535 ☐ 536 ☐ 537 ☐

Dear Generator. The following chemicals contain hazardous substances which when mixed with used oil reduces the recycling potential and can cause harmful effects to the environment.

DO NOT MIX WITH USED OIL

Antifreeze - Freon - Solvents - Thinner - Degreasers - Detergents - Cleaners - Radiator Fluid - Leaded Gasoline - Cutting Oil

CAN MIX WITH USED OIL

Motor Oils - Diesel Fuel - Grease - Brake Fluids - Hydraulic Fluids - Transmission Fluids

These lists are based on current information and may be expanded as more data becomes available. THANK YOU.

WHITE - Generator GREEN - Generator YELLOW - Transporter PINK - Transporter GOLDENROD - Transfer Station

APPENDIX 6

KEY WEST UNDERGROUND EXCAVATION PERMIT

PART I (Complete by requestor)

From: ROICC OFFICE Date: JULY 10, 1995
To: Public Works Officer, NAS. Key West Applicant's Request No. 4

It is requested that a permit be issued for performing the work required by:

1. CONTRACT # 93-0645 REMOVE UNDER GROUND TANKS - OMEGA ENV.
(Reference contract, drawing, specifications, service call, etc. (include prime contractor or A/E identification.)

2. EXCAVATION 3. _____
(Type: drill, dredge, trench, etc.) (Charge to job order; etc.)

4. Physical limits: T/A BLDG #1276 - THE OLD SERVICE STATION
SEE ATTACHED DRAWINGS

5. Remarks: 1276C HAS BEEN FILLED WITH CONCRETE
(Includes results of any investigation not performed by PWD.)

[Signature]
Signature & Title

PART II (Completed by PWD) (Strike out non-applicable portions.)

From: P.W. ENGINEERING To: ROICC Date: 7/19/95

The work delineated above may be undertaken pursuant to the following stipulations:

a. No contractual or other obligations are changed by this permit. Responsibility for damages are not changed by this permit.

b. PWD has examined the work by:
Visual inspection in the field ✓ Field survey _____
Examination of existing plans ✓ Other _____
Investigation with magnetic pipe locator, etc. ✓

Unknown subsurface conditions may exist which cannot be located by any of these standard procedures.

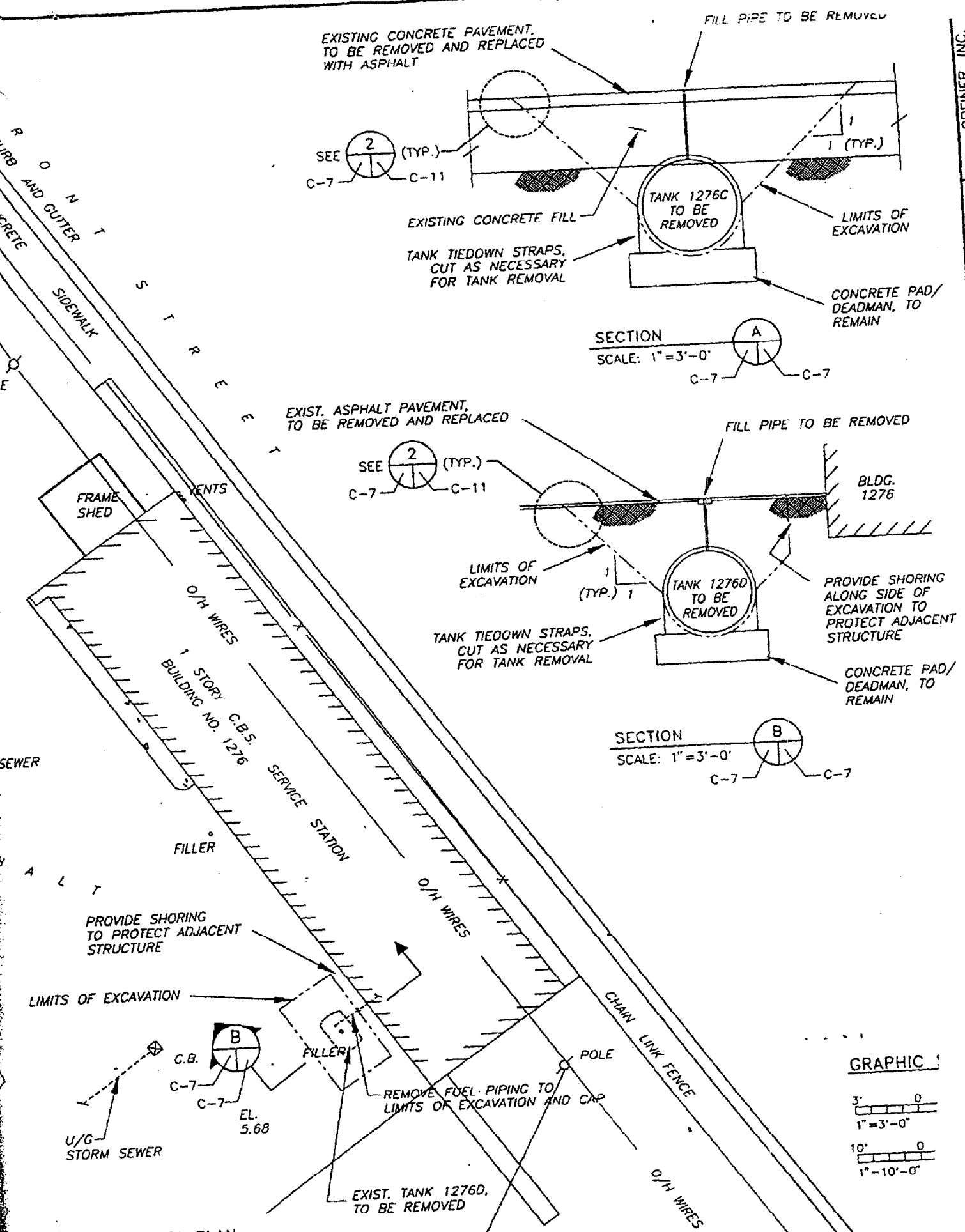
c. Southern Bell Telephone Company must be contacted by requestor prior to digging.

d. The PWD survey indicates that your planned procedure will probably not conflict with existing facilities. You are, therefore, granted permission to perform the work.

e. The PWD investigation indicates: OK TO EXCAVATE AS INDICATED

PERMIT NO. 258

[Signature]
Signature & Title
Engineering Division



REDUCED DRAWING

A S P H A L T

guy
WIRE

O/H WIRES

EL. 7.02



LIMITS OF EXCAVATION

EXIST. TANK 1276C.
TO BE REMOVED
(TANK HAS BEEN FILLED
WITH CONCRETE)

FILLER
(LOOKS FILLED IN
WITH CONCRETE)

MONITORING WELL,
TO BE PROTECTED

REMOVE FUEL PIPING TO
LIMITS OF EXCAVATION AND CAP

CONCRETE EL. 6.33

VENT
LIGHT

VENT
LIGHT



D
E
F
A
L
B

48"
AUS. PIPE

48"
AUS.

A
V
E
N
U
E

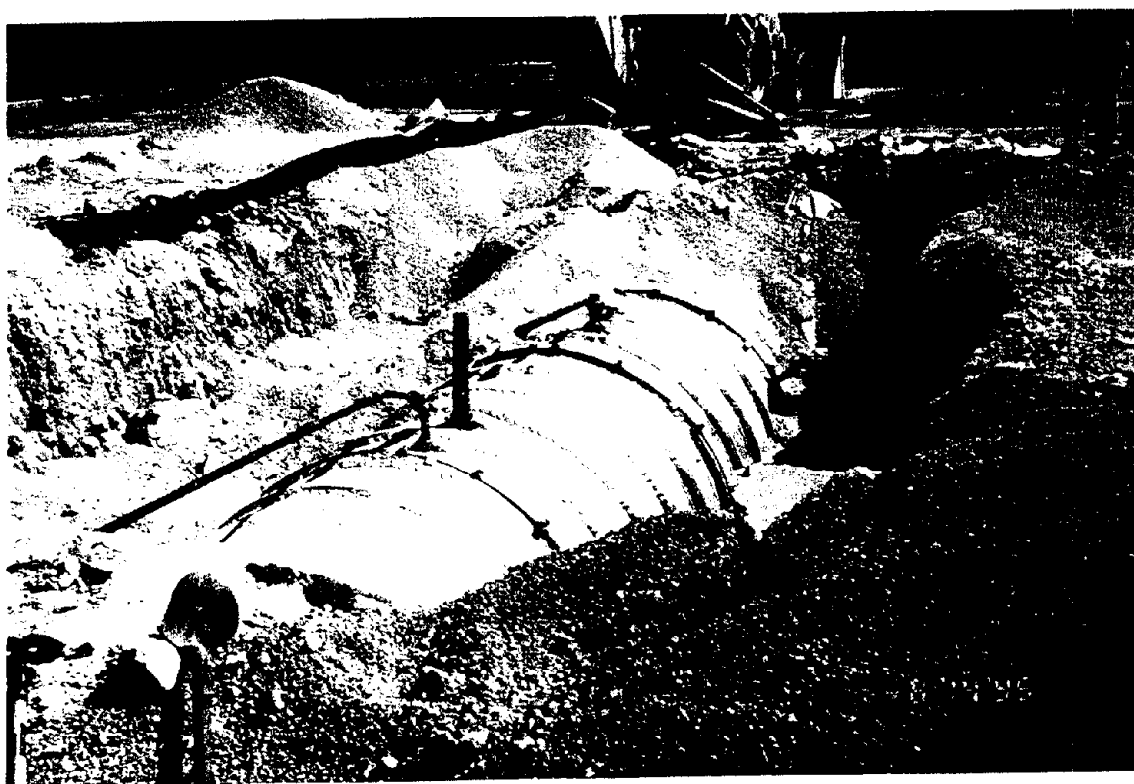
CHAIN LINK FENCE

TANKS

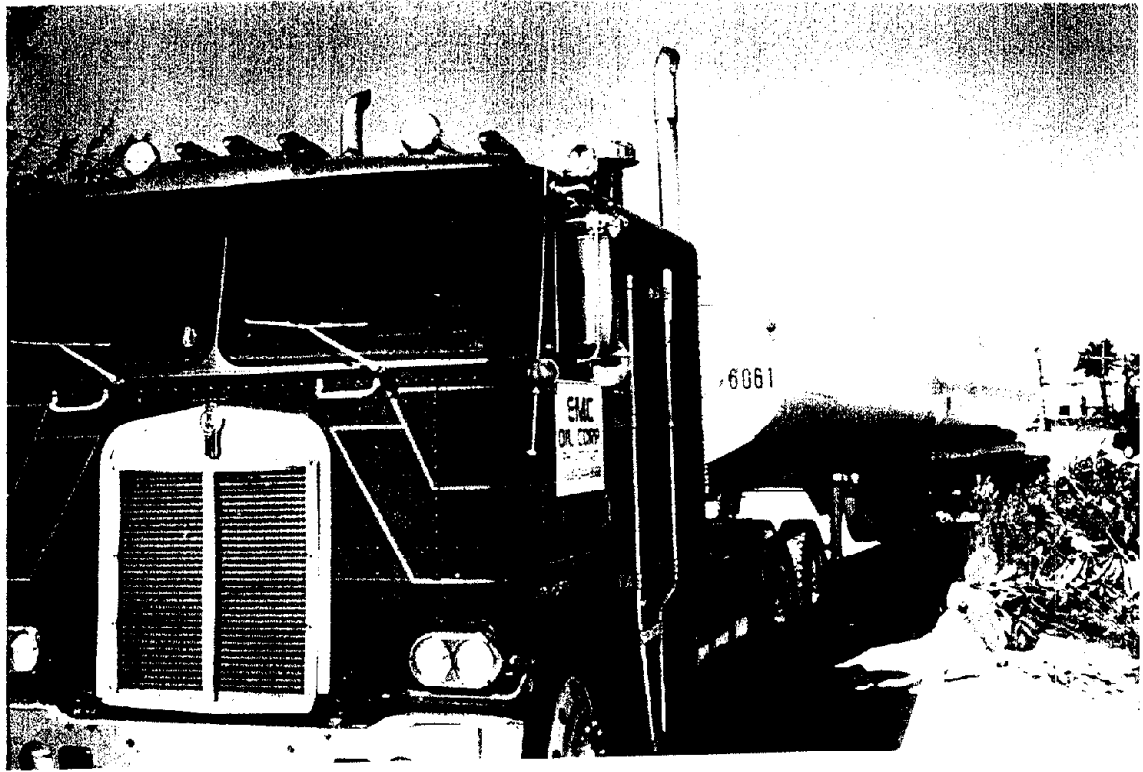
APPENDIX 7



EXCAVATING TOP OF TANK



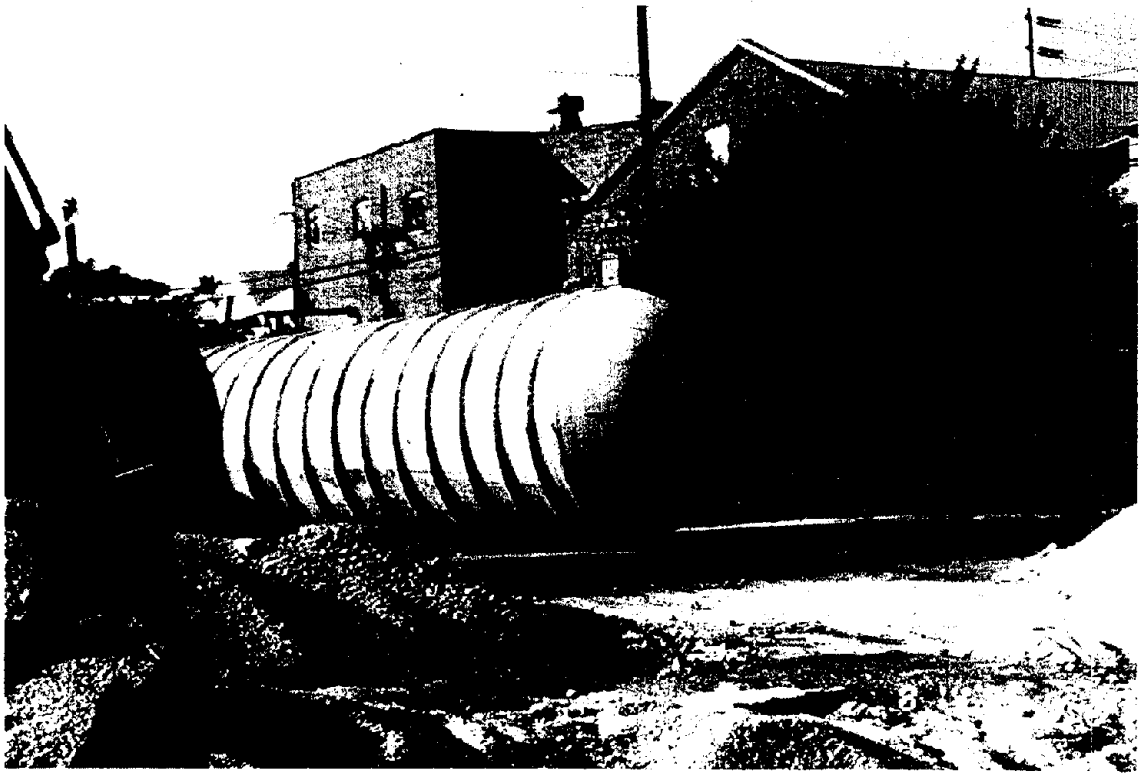
TOP OF TANK EXCAVATED. READY
TO REMOVE LIQUID



TRUCK USED FOR DISPOSAL
OF LIQUID



EXCAVATION WITH TANK REMOVED
GROUNDWATER IN EXCAVATION



TANK READY FOR PROCESSING
FOR DISPOSAL



OMEGA ENVIRONMENTAL SERVICES, INC.

4661 Hammermill Rd. Suite B Tucker, GA 30084

Tel: (770) 621-9414 Fax: (770) 934-2451

September 12, 1995

Subject: Underground Storage Tank Closure
 Naval Air Station, Key West, Florida
 Tank 1276D
 Contract No. N62467-93-C-0645

Omega Environmental Services is pleased to submit this closure report and Closure Assessment form 17-176.900(6) to Mark Ewing, Key West, NAS Project Manager. We recommend that this report be submitted to the following offices.

Florida Department of Environmental Regulations
South District Office
2269 Bay Street
Ft. Myers, Florida 33901-2896

Bob Turner
Monroe County Public Health Services
P.O. Box 6193
Key West, Florida 33041-6193

It is my professional opinion that this report meets the Florida Department of Environmental Regulations reporting requirements for Underground Storage Systems, and also meets the specifications required by the Department of the Navy described in contract N62467-93-C-0645, Section 02082, p.3.23 (Closure Reports).

Omega Environmental Services greatly appreciates the opportunity to assist Naval Air Station, Key West, Florida in the Closure of the underground storage tanks associated with this project. If you have any questions do not hesitate to call for further assistance.

Sincerely,

A handwritten signature in black ink, appearing to read "C. H. Moss", is located below the "Sincerely," text.

C. H. Moss, PE
Professional Engineer

Table of Contents

Item No.	Description	Page No.
1.0	Site Information	1
2.0.....	UST Removal	1
3.0.....	OVA Soil Screening.....	2
4.0.....	Conclusions.....	3

Appendices

Appendix 1.....	Site Plan and Site Maps
Appendix 2.....	Soil Screening Data & Sample Locations
Appendix 3.....	FDER Closure Assessment Forms
Appendix 4.....	Ground water Analysis
Appendix 5.....	Certificates of Disposal & Cumulative Totals
Appendix 6.....	Public Work Permits
Appendix 7.....	Site Photographs

1.0 Site Information

On August 12, 1995 Omega Environmental Services removed one underground storage tanks [1276D] located at the Truman Annex Naval Air Station, Building 1276 in Key West, Florida. The tank was constructed of steel and had a capacity of five hundred and fifty gallons. The tank was used for waste oil storage and was located under a asphalt slab. The tank had supply and return lines running to the east, into building 1276, an abandoned service station. The tank contained a residual amount of waste oil at the time of removal and was currently out of use.

Omega Environmental Services was contracted by the U. S. Navy to remove the tank and associated piping in the excavation and compile all associated reporting and site closure information. The ground water was assessed to be less than twenty feet from the surface which required sampling to comply with FDER regulations. The installation of a ground water monitoring well was performed after the removal process and the samples were sent to Envirolab, Ormond Beach, Florida for analysis.

2.0 UST Removal

On August 12, 1995 OES prepared the location for removal of the tanks. The soil was removed to expose a concrete ballast on top of the tank. The piping was disconnected at the edge of the excavation and was rinsed and removed to the piping exposed at the top of the ballast. The soil was excavated down the sides of the concrete ballast located on the top of the tank and the ballast was removed to expose the tank. The tank was checked for the presence of a hazardous atmosphere and found to be safe for removal. The tank was removed from the excavation and loaded onto a truck for transport to a lay down area for processing for disposal. Omega Environmental Services then backfilled the excavation with fill dirt compacting the soil back to the original grade in one foot lifts. The tank was cut into sections and shipped for disposal.

During the tank removal process Bob Turner of the Monroe County Health Department and Jim Simmons Key West Naval Air Station Storage Tank Manager visited the site to observe the closure of the tanks, and the soil testing procedures. Also Felix Petitt and Mark Ewing of the ROICC office made daily visits to the site to observe the quality of work during the removal process.

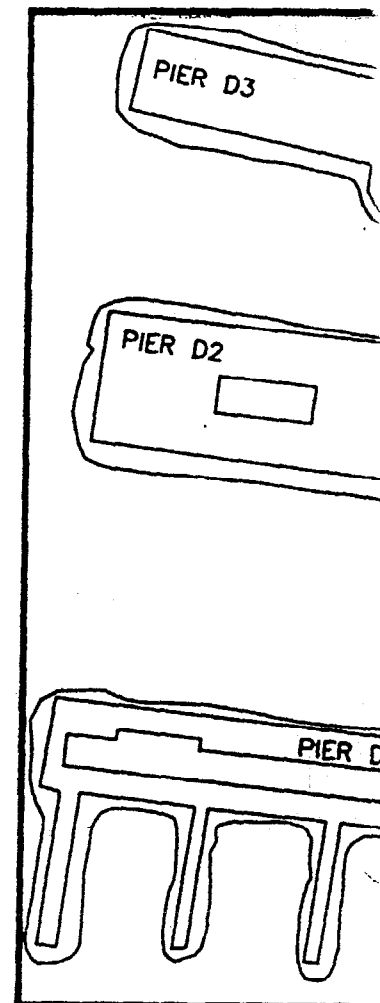
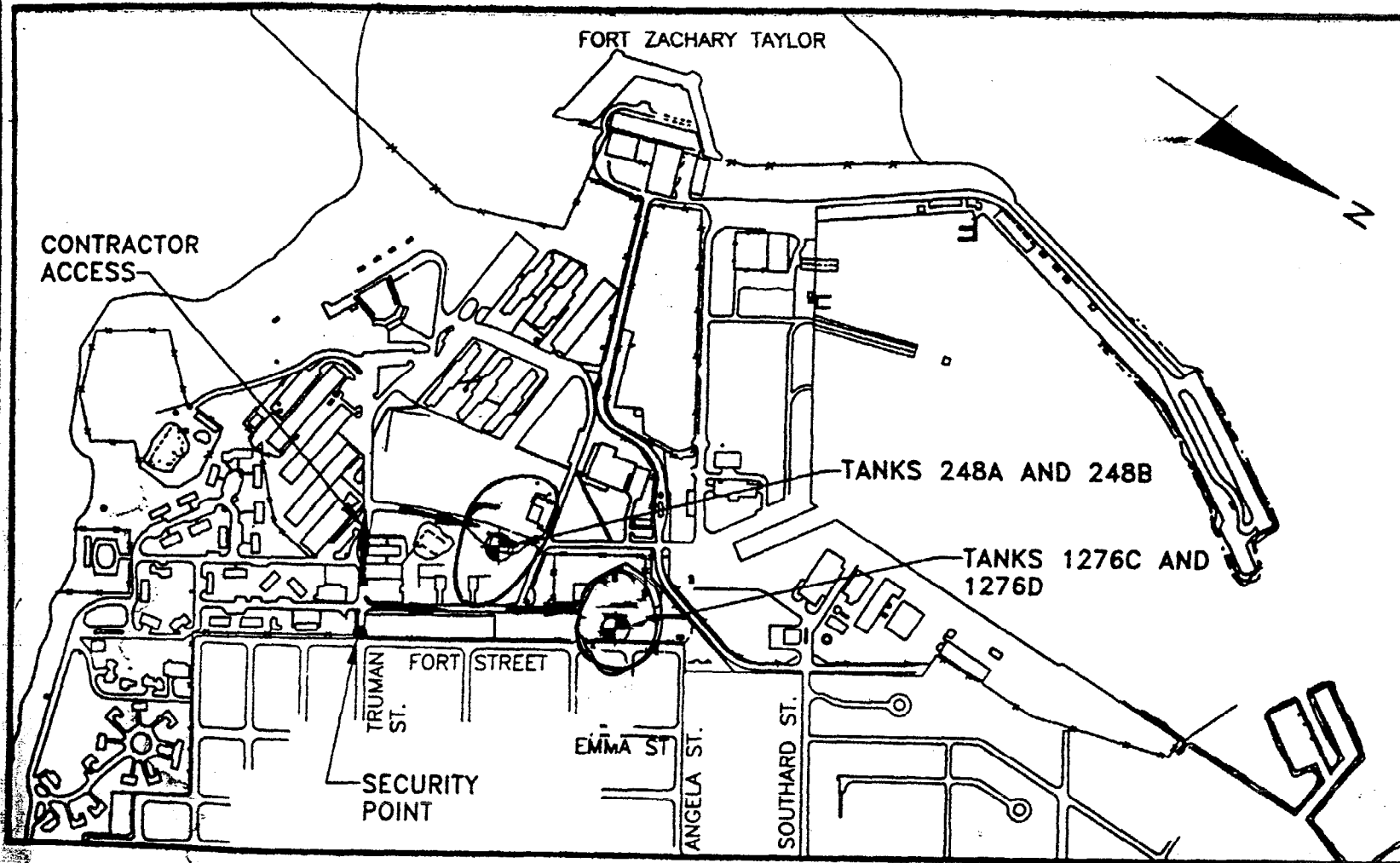
3.0 Soil Screening

The Soil was tested for total hydrocarbons using a Foxboro 108 FID Monitor by John Mount of OES. Sampling was conducted throughout the removal process on the soil. The monitor was allowed to warm up for twenty minutes before calibration. 98 ppm Methane gas was used to calibrate the instrument before testing. The background reading was recorded in the area before sampling was initiated. Samples were taken using latex gloves and placed in pint jars with an aluminum foil cover. The samples were then placed in an ice chest to allow the temperature to equalize. The location of the side wall samples

APPENDIX 1

BOCA CHICA AREA PLAN

(TANKS A244, 322A, 322B, 322C, 322D, A526, AND A902B)



TRUMAN ANNEX AREA PLAN

(TANKS 248A, 248B, 1276C, AND 1276D)

TRUMBO PO

(TANKS B14A, B14B, B14C, B14D, B14E, B14F, B14G, B14H, B14I, B14J, B14K, B14L, B14M, B14N, B14O, B14P, B14Q, B14R, B14S, B14T, B14U, B14V, B14W, B14X, B14Y, B14Z)

SCALE: 1" = 500'-0"

EL. 7.02

ASPHALT

LIMITS OF EXCAVATION

EXIST. TANK 1276C,
TO BE REMOVED
(TANK HAS BEEN FILLED
WITH CONCRETE)

FILLER
(LOOKS FILLED IN
WITH CONCRETE)

MONITORING WELL
TO BE PROTECTED

REMOVE FUEL PIPING TO
LIMITS OF EXCAVATION AND CAP
EL. 6.33

CONCRETE

VENT
LIGHT

VENT
LIGHT

48" AUS. PINE

U/G STORM SEWER

C.B.

48" AUS. PINE

AVENUE

CHAIN LINK FENCE

PROVIDE SHORING
TO PROTECT ADJACENT
STRUCTURE

LIMITS OF EXCAVATION

U/G
STORM SEWER

C.B.

C-7

C-7

EL. 5.68

EXISTING CONCRETE PAVEMENT,
TO BE REMOVED AND REPLACED
WITH ASPHALT

SEE (2) (TYP.)
C-7 C-11

EXISTING CONCRETE FILL

TANK TIEDOWN STRAPS,
CUT AS NECESSARY
FOR TANK REMOVAL

SECTION
SCALE: 1"=3'-0"

EXIST. ASPHALT PAVEMENT,
TO BE REMOVED AND REPLACED

SEE (2) (TYP.)
C-7 C-11

LIMITS OF
EXCAVATION

TANK TIEDOWN STRAPS,
CUT AS NECESSARY
FOR TANK REMOVAL

SECTION
SCALE: 1"=3'-0"

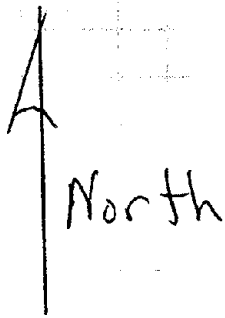
TANKS 1276C AND 1276D AREA PLAN
SCALE: 1"=10'-0"

REDUCED

APPENDIX 2

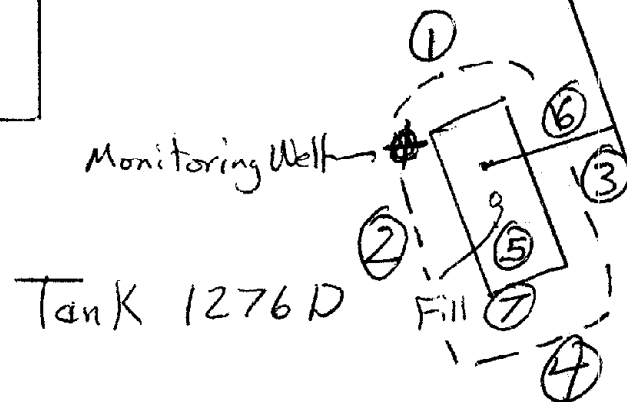
OVA Field Data Sheet

Project Name Key West NAS				Contract Number N62467-93-C-0645		Comments Waste Oil Tank		
Site Name or Number 1276 D			Date 12-Aug-95					
Calibration Information		Date	12-Aug-95		Time			
Instrument Foxsboro 108				Calibration Gas Methane Standard		Sample Technician John Mount		
Actual Concentration 98			Measured Concentration 98			All Readings Measured in Parts per Million		
Sample Number	Sample Location	Sample Method	Sample Temperature	Date Sampled	Time Sampled	OVA Reading	Methane Reading	Corrected Reading
1	North Wall	Grab	85` f.	12-Aug-95	2:00pm	8.00	0.00	8.00
2	West Wall	Grab	85` f.	12-Aug-95	2:00pm	7.00	0.00	7.00
3	East Wall	Grab	85` f.	12-Aug-95	2:00pm	7.00	0.00	7.00
4	West Wall	Grab	85` f.	12-Aug-95	2:00pm	7.00	0.00	7.00
5	Under Tank	Grab	85` f.	12-Aug-95	2:00pm	10.00	0.00	10.00
6	Lab Sample	Grab						
7	Lab Sample	Grab						



Building
1276

Sample #	Depth BGS
1	4 ft
2	4 ft
3	4 ft
4	4 ft
5	8 ft
6	4 ft
7	8 ft





OMEGA ENVIRONMENTAL SERVICES
4661 HAMMERMILL ROAD, SUITE B
TUCKER, GA 30084
ATTN: M. DOUG DRIVER

ANALYTICAL REPORT

Submission #: 9508000183
Date Received: 08/16/95
Date Reported: 08/30/95

Client PO Number:
Project Number: 95012
Project: KEY WEST NAS

Page 5

Lab Sample Number: 122366
Date Sampled: 08/14/95
Client Sample Number: 1276-D
Sample Description: SOIL

Method	Component	Unit	Result	Analyst	Date Analyzed	Date Prepared
	TENTATIVELY IDENTIFIED COMP		NO TICS	NB	08/18/95	08/18/95
1311	TCLP LEACHATE GENERATION		JB	NB	08/18/95	08/18/95
1311/7060	ARSENIC (TCLP)	MG/L	<0.010	BB	08/21/95	
1311/7080	BARIUM (TCLP)	MG/L	<2.5	JB	08/21/95	
1311/7130	CADMIUM (TCLP)	MG/L	<0.25	JB	08/18/95	
1311/7190	CHROMIUM (TCLP)	MG/L	<1.0	JB	08/21/95	
1311/7420	LEAD (TCLP)	MG/L	<1.0	JB	08/18/95	
1311/7470	MERCURY (TCLP)	MG/L	<0.00020	BB	08/18/95	
1311/7740	SELENIUM (TCLP)	MG/L	<0.020	JB	08/22/95	
1311/7760	SILVER (TCLP)	MG/L	<0.50	JB	08/21/95	
7060	ARSENIC	MG/KG	<0.050	BB	08/21/95	
7130	CADMIUM	MG/KG	3.8	JB	08/18/95	
7190	CHROMIUM	MG/KG	<5.0	JB	08/21/95	
7420	LEAD	MG/KG	10	JB	08/18/95	
9073	TRPH	MG/KG	< 50	RG	08/18/95	
8240	ACROLEIN	UG/KG	< 5000	VG	08/17/95	
8240	ACRYLONITRILE	UG/KG	<5000	VG	08/17/95	
8240	BENZENE	UG/KG	< 25	VG	08/17/95	
8240	BROMODICHLOROMETHANE	UG/KG	< 25	VG	08/17/95	
8240	BROMOFORM	UG/KG	< 25	VG	08/17/95	
8240	BROMOMETHANE	UG/KG	< 25	VG	08/17/95	
8240	CARBON TETRACHLORIDE	UG/KG	<25	VG	08/17/95	
8240	CHLOROBENZENE	UG/KG	<25	VG	08/17/95	
8240	CHLOROETHANE	UG/KG	<25	VG	08/17/95	
8240	2-CHLOROETHYL VINYL ETHER	UG/KG	<75	VG	08/17/95	



OMEGA ENVIRONMENTAL SERVICES
4661 HAMMERMILL ROAD, SUITE B
TUCKER, GA 30084
ATTN: M. DOUG DRIVER

ANALYTICAL REPORT

Submission #: 9508000183
Date Received: 08/16/95
Date Reported: 08/30/95

Client PO Number:
Project Number: 95012
Project: KEY WEST NAS

Page 6

Lab Sample Number: 122366
Date Sampled: 08/14/95
Client Sample Number: 1276-D
Sample Description: SOIL

Method	Component	Unit	Result	Analyst	Date Analyzed	Date Prepared
3240	CHLOROFORM	UG/KG	<25	VG	08/17/95	
8240	CHLOROMETHANE	UG/KG	<25	VG	08/17/95	
8240	DIBROMOCHLOROMETHANE	UG/KG	<25	VG	08/17/95	
8240	1,2-DICHLOROBENZENE	UG/KG	<25	VG	08/17/95	
8240	1,3-DICHLOROBENZENE	UG/KG	<25	VG	08/17/95	
8240	1,4-DICHLOROBENZENE	UG/KG	<25	VG	08/17/95	
8240	1,1-DICHLOROETHANE	UG/KG	<25	VG	08/17/95	
8240	1,2-DICHLOROETHANE	UG/KG	<25	VG	08/17/95	
8240	1,1-DICHLOROETHENE	UG/KG	<25	VG	08/17/95	
8240	trans-1,2-DICHLOROETHENE	UG/KG	<25	VG	08/17/95	
8240	1,2-DICHLOROPROPANE	UG/KG	<25	VG	08/17/95	
8240	cis-1,3-DICHLOROPROPENE	UG/KG	<25	VG	08/17/95	
8240	trans-1,3-DICHLOROPROPENE	UG/KG	<25	VG	08/17/95	
8240	ETHYLBENZENE	UG/KG	<25	VG	08/17/95	
8240	METHYLENE CHLORIDE	UG/KG	<25	VG	08/17/95	
8240	1,1,2,2-TETRACHLOROETHANE	UG/KG	<25	VG	08/17/95	
8240	TETRACHLOROETHENE	UG/KG	<25	VG	08/17/95	
8240	TOLUENE	UG/KG	<25	VG	08/17/95	
8240	1,1,1-TRICHLOROETHANE	UG/KG	<25	VG	08/17/95	
8240	1,1,2-TRICHLOROETHANE	UG/KG	<25	VG	08/17/95	
8240	TRICHLOROETHENE	UG/KG	<25	VG	08/17/95	
8240	TRICHLOROTRIFLUOROMETHANE	UG/KG	<25	VG	08/17/95	
8240	VINYL CHLORIDE	UG/KG	<25	VG	08/17/95	
8270	ACENAPHTHENE	UG/KG	<170	NB	08/20/95	08/18/95
8270	ACENAPHTHYLENE	UG/KG	<170	NB	08/20/95	08/18/95



OMEGA ENVIRONMENTAL SERVICES
4661 HAMMERMILL ROAD, SUITE B
TUCKER, GA 30084
ATTN: M. DOUG DRIVER

ANALYTICAL REPORT

Submission #: 9508000183
Date Received: 08/16/95
Date Reported: 08/30/95

Client PO Number:
Project Number: 95012
Project: KEY WEST NAS

Page 7

Lab Sample Number: 122366
Date Sampled: 08/14/95
Client Sample Number: 1276-D
Sample Description: SOIL

Method	Component	Unit	Result	Analyst	Date Analyzed	Date Prepared
3270	ANTHRACENE	UG/KG	<170	NB	08/20/95	08/18/95
8270	BENZIDINE	UG/KG	<750	NB	08/20/95	08/18/95
8270	BENZ(A)ANTHRACENE	UG/KG	<170	NB	08/20/95	08/18/95
8270	BRNZO(B)FLUORANTHENE	UG/KG	<170	NB	08/20/95	08/18/95
8270	BENZO(K)FLUORANTHENE	UG/KG	<170	NB	08/20/95	08/18/95
8270	BENZO(G,H,I)PERYLENE	UG/KG	<170	NB	08/20/95	08/18/95
8270	BENZO(A)PYRENE	UG/KG	<170	NB	08/20/95	08/18/95
8270	BIS(2-CHLOROETHOXY) METHANE	UG/KG	<170	NB	08/20/95	08/18/95
8270	BIS(2-CHLOROETHYL) ETHER	UG/KG	<170	NB	08/20/95	08/18/95
8270	BIS(2-CHLOROISOPROPYL) ETHE	UG/KG	<170	NB	08/20/95	08/18/95
8270	BIS(2-ETHYLHEXYL) PHTHALATE	UG/KG	<170	NB	08/20/95	08/18/95
8270	4-BROMOPHENYL PHENYL ETHER	UG/KG	<170	NB	08/20/95	08/18/95
8270	BUTYL BENZYL PHTHALATE	UG/KG	<170	NB	08/20/95	08/18/95
8270	2-CHLORONAPHTHALENE	UG/KG	<170	NB	08/20/95	08/18/95
8270	4-CHLORO-3-METHYLPHENOL	UG/KG	<170	NB	08/20/95	08/18/95
8270	2-CHLOROPHENOL	UG/KG	<170	NB	08/20/95	08/18/95
8270	4-CHLOROPHENYL PHENYL ETHER	UG/KG	<170	NB	08/20/95	08/18/95
8270	CHRYSENE	UG/KG	<170	NB	08/20/95	08/18/95
8270	DIBENZO(A,H)ANTHRACENE	UG/KG	<170	NB	08/20/95	08/18/95
8270	DI-N-BUTYLPHTHALATE	UG/KG	<170	NB	08/20/95	08/18/95
8270	1,2-DICHLOROBENZENE	UG/KG	<170	NB	08/20/95	08/18/95
8270	1,3-DICHLOROBENZENE	UG/KG	<170	NB	08/20/95	08/18/95
8270	1,4-DICHLOROBENZENE	UG/KG	<170	NB	08/20/95	08/18/95
8270	3,3'-DICHLOROBENZIDINE	UG/KG	<660	NB	08/20/95	08/18/95
8270	2,4-DICHLOROPHENOL	UG/KG	<170	NB	08/20/95	08/18/95



OMEGA ENVIRONMENTAL SERVICES
4661 HAMMERMILL ROAD, SUITE B
TUCKER, GA 30084
ATTN: M. DOUG DRIVER

ANALYTICAL REPORT

Submission #: 9508000183
Date Received: 08/16/95
Date Reported: 08/30/95

Client PO Number:
Project Number: 95012
Project: KEY WEST NAS

Page 8

Lab Sample Number: 122366
Date Sampled: 08/14/95
Client Sample Number: 1276-D
Sample Description: SOIL

Method	Component	Unit	Result	Analyst	Date Analyzed	Date Prepared
3270	DIETHYLPHTHALATE	UG/KG	<170	NB	08/20/95	08/18/95
8270	DIMETHYLPHENOL	UG/KG	<170	NB	08/20/95	08/18/95
8270	DIMETHYLPHTHALATE	UG/KG	<170	NB	08/20/95	08/18/95
8270	4,6-DINITRO-2-METHYLPHENOL	UG/KG	<170	NB	08/20/95	08/18/95
8270	2,4-DINITROPHENOL	UG/KG	<170	NB	08/20/95	08/18/95
8270	2,4-DINITROTOLUENE	UG/KG	<170	NB	08/20/95	08/18/95
8270	2,6-DINITROTOLUENE	UG/KG	<170	NB	08/20/95	08/18/95
8270	DI-N-OCTYLPHTHALATE	UG/KG	<170	NB	08/20/95	08/18/95
8270	DIOXIN (2,3,7,8-TCDD) (SCREE	UG/KG	<1200	NB	08/20/95	08/18/95
8270	FLUORANTHENE	UG/KG	<170	NB	08/20/95	08/18/95
8270	FLUORENE	UG/KG	<170	NB	08/20/95	08/18/95
8270	HEXACHLOROBENZENE	UG/KG	<170	NB	08/20/95	08/18/95
8270	HEXACHLOROBUTADIENE	UG/KG	<170	NB	08/20/95	08/18/95
8270	HEXACHLOROCYCLOPENTADIENE	UG/KG	<170	NB	08/20/95	08/18/95
8270	HEXACHLOROETHANE	UG/KG	<170	NB	08/20/95	08/18/95
8270	INDENO (1,2,3-CD) PYRENE	UG/KG	<170	NB	08/20/95	08/18/95
8270	ISOPHORONE	UG/KG	<170	NB	08/20/95	08/18/95
8270	2-METHYLNAPHTHALENE	UG/KG	<170	NB	08/20/95	08/18/95
8270	NAPHTHALENE	UG/KG	<170	NB	08/20/95	08/18/95
8270	NITROBENZENE	UG/KG	<170	NB	08/20/95	08/18/95
8270	2-NITROPHENOL	UG/KG	<170	NB	08/20/95	08/18/95
8270	4-NITROPHENOL	UG/KG	<660	NB	08/20/95	08/18/95
8270	N-NITROSODIMETHYLAMINE	UG/KG	<170	NB	08/20/95	08/18/95
8270	N-NITROSODIPHENYLAMINE	UG/KG	<170	NB	08/20/95	08/18/95
9270	N-NITROSODI-N-PROPYLAMINE	UG/KG	<170	NB	08/20/95	08/18/95

APPENDIX 3



Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

DER Form #	17-761.900(8)
Form Title	Closure Assessment Form
Effective Date	December 10, 1990
DER Application No.	(Filed in by DER)

Closure Assessment Form

Owners of storage tank systems that are replacing, removing or closing in place storage tanks shall use this form to demonstrate that a storage system closure assessment was performed in accordance with Rule 17-761 or 17-762, Florida Administrative Code. Eligible Early Detection Incentive (EDI) and Reimbursement Program sites do not have to perform a closure assessment.

Please Print or Type
Complete All Applicable Blanks

- Date: _____
- DER Facility ID Number: 44940059
- County: Monroe
- Facility Name: Truman Annex Navy Exchange
- Facility Owner: U.S. Navy
- Facility Address: Bldg. 1276
- Mailing Address: Naval Air Station, Key West, FL 33040-5000
- Telephone Number: (305) 293-2030
- Facility Operator: Jim Simmen
- Are the Storage Tank(s): (Circle one or both) A. Aboveground or B. Underground
- Type of Product(s) Stored: Waste oil
- Were the Tank(s): (Circle one) A. Replaced B. Removed C. Closed in Place D. Upgraded (aboveground tanks only)
- Number of Tanks Closed: Two (1276 D)
- Age of Tanks: 34 yrs.

Facility Assessment Information

Yes	No	Not Applicable
<input type="checkbox"/>	<input checked="" type="checkbox"/>	NA
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

- Is the facility participating in the Florida Petroleum Liability Insurance and Restoration Program (FPLIRP)?
- Was a Discharge Reporting Form submitted to the Department?
If yes, When: _____ Where: _____
- Is the depth to ground water less than 20 feet?
- Are monitoring wells present around the storage system?
If yes, specify type: ☐ Water monitoring ☐ Vapor monitoring
- Is there free product present in the monitoring wells or within the excavation?
- Were the petroleum hydrocarbon vapor levels in the soils greater than 500 parts per million for gasoline?
Specify sample type: ☐ Vapor Monitoring wells ☐ Soil sample(s)
- Were the petroleum hydrocarbon vapor levels in the soils greater than 50 parts per million for diesel/kerosene?
Specify sample type: ☐ Vapor Monitoring wells ☐ Soil sample(s)
- Were the analytical laboratory results of the ground water sample(s) greater than the allowable state target levels?
(See target levels on reverse side of this form and supply laboratory data sheets)
- If a used oil storage system, did a visual inspection detect any discolored soil indicating a release?
- Are any potable wells located within 1/4 of a mile radius of the facility?
- Is there a surface water body within 1/4 mile radius of the site? If yes, indicate distance: 1/4 mile



Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

DER Form #	17-761.800(5)
Form Title	Underground Storage Tank Installation / Removal Permit for Certified Contractors
Effective Date	December 10, 1990
DER Application No.	(Filed in by DER)

Underground Storage Tank Installation and Removal Form For Certified Contractors

Pollutant Storage System Specialty Contractors as defined in Section 489.113, Florida Statutes (Certified contractors as defined in Section 17-761.20 Florida Administrative Code) shall use this form to certify that the installation, replacement or removal of the storage tank system(s) located at the address listed below was performed in accordance with Department Reference Standards.

General Facility Information

- DER Facility Identification No.: 44940059
- Facility Name: Truman Annex Navy Exchange Telephone: (305) 293-2030
- Street Address (physical location): Building 1276
Naval Air Station, Key West, FL 33040-5000
- Owner Name: Commanding Officer (Code 1883) Telephone: (305) 293-2030
- Owner Address: Naval Air Station, Key West, FL 33040-5000
- Number of Tanks: a. Installed at this time _____ b. Removed at this time 1276D
- Tank(s) Manufactured by: _____
- Date Work Initiated: _____ 9. Date Work Completed: _____

Underground Pollutant Tank Installation Checklist

Please certify the completion of the following installation requirements by placing an (X) in the appropriate box.

- The tanks and piping are corrosion resistant and approved for use by State and Federal Laws. ☐
- Excavation, backfill and compaction completed in accordance with NFPA (National Fire Protection Association) 30(87), API (American Petroleum Institute) 1615, PEI (Petroleum Equipment Institute) RP100-87 and the manufacturers' specifications. ☐
- Tanks and piping pretested and installed in accordance with NFPA 30(87), API 1615, PEI/RP100(87) and the manufacturers' specifications. ☐
- Steel tanks and piping are cathodically protected in accordance with NFPA 30(87), API 1632, UL (Underwriters Laboratory) 1746, STI (Steel Tank Institute) R892-89 and the manufacturer's specifications. ☐
- Tanks and piping tested for tightness after installation in accordance with NFPA 30(87) and PEI/RP100-87. ☐
- Monitoring well(s) or other leak detection devices installed and tested in accordance with Section 17-761.640, Florida Administrative Code (F.A.C.) ☐
- Spill and overfill protection devices installed in accordance with Section 17-761.500, F.A.C. ☐
- Secondary containment installed for tanks and piping as applicable in accordance with Section 17-761.500, F.A.C. ☐

Please Note: The numbers following the abbreviations (e.g. API 1615) are publication or specification numbers issued by these institutions.

Underground Pollutant Tank Removal Checklist

- Closure assessment performed in accordance with Section 17-761.800, F.A.C. ☒
- Underground tank removed and disposed of as specified in API 1604 in accordance with Section 17-761.800, F.A.C. ☒

APPENDIX 4



OMEGA ENVIRONMENTAL SERVICES
4661 HAMMERMILL ROAD, SUITE B
TUCKER, GA 30084
ATTN: M. DOUG DRIVER

ANALYTICAL REPORT

Submission #: 9508000183
Date Received: 08/16/95
Date Reported: 08/30/95

Client PO Number:
Project Number: 95012
Project: KEY WEST NAS

Page 1

Lab Sample Number: 122365
Date Sampled: 08/14/95
Client Sample Number: 1276-D
Sample Description: GROUND WATER WASTE WATER TANK

Method	Component	Unit	Result	Analyst	Date Analyzed	Date Prepared
	TENTATIVELY IDENTIFIED COMP		NO TICS			
206.2	ARSENIC	MG/L	<0.0010	BB	08/21/95	
213.1	CADMIUM	MG/L	0.005	JB	08/18/95	
218.1	CHROMIUM	MG/L	<0.020	JB	08/21/95	
239.1	LEAD	MG/L	<0.020	JB	08/18/95	
418.1	TRPH	MG/L	<0.50	RG	08/18/95	
624	ACROLEIN	UG/L	< 100	VG	08/17/95	
624	ACRYLONITRILE	UG/L	< 100	VG	08/17/95	
624	BENZENE	UG/L	<0.50	VG	08/17/95	
624	BROMODICHLOROMETHANE	UG/L	<0.50	VG	08/17/95	
624	BROMOFORM	UG/L	<0.50	VG	08/17/95	
624	BROMOMETHANE	UG/L	<0.50	VG	08/17/95	
624	CARBON TETRACHLORIDE	UG/L	<0.50	VG	08/17/95	
624	CHLOROBENZENE	UG/L	<0.50	VG	08/17/95	
624	CHLOROETHANE	UG/L	<0.50	VG	08/17/95	
624	2-CHLOROETHYL VINYL ETHER	UG/L	<1.5	VG	08/17/95	
624	CHLOROFORM	UG/L	<0.50	VG	08/17/95	
624	CHLOROMETHANE	UG/L	<0.50	VG	08/17/95	
624	DIBROMOCHLOROMETHANE	UG/L	<0.50	VG	08/17/95	
624	1,2-DICHLOROBENZENE	UG/L	<0.50	VG	08/17/95	
624	1,3-DICHLOROBENZENE	UG/L	<0.50	VG	08/17/95	
624	1,4-DICHLOROBENZENE	UG/L	<0.50	VG	08/17/95	
624	1,1-DICHLOROETHANE	UG/L	<0.50	VG	08/17/95	
624	1,2-DICHLOROETHANE	UG/L	<0.50	VG	08/17/95	
624	1,1-DICHLOROETHENE	UG/L	<0.50	VG	08/17/95	



OMEGA ENVIRONMENTAL SERVICES
4661 HAMMERMILL ROAD, SUITE B
TUCKER, GA 30084
ATTN: M. DOUG DRIVER

ANALYTICAL REPORT

Submission #: 9508000183
Date Received: 08/16/95
Date Reported: 08/30/95

Client PO Number:
Project Number: 95012
Project: KEY WEST NAS

Page 2

Lab Sample Number: 122365
Date Sampled: 08/14/95
Client Sample Number: 1276-D
Sample Description: GROUND WATER WASTE WATER TANK

Method	Component	Unit	Result	Analyst	Date Analyzed	Date Prepared
624	trans-1,2-DICHLOROETHENE	UG/L	<0.50	VG	08/17/95	
624	1,2-DICHLOROPROPANE	UG/L	<0.50	VG	08/17/95	
624	cis-1,3-DICHLOROPROPENE	UG/L	<0.50	VG	08/17/95	
624	trans-1,3-DICHLOROPROPENE	UG/L	<0.50	VG	08/17/95	
624	ETHYLBENZENE	UG/L	<0.50	VG	08/17/95	
624	METHYLENE CHLORIDE	UG/L	<0.50	VG	08/17/95	
624	1,1,2,2-TETRACHLOROETHANE	UG/L	<0.50	VG	08/17/95	
624	TETRACHLOROETHENE	UG/L	<0.50	VG	08/17/95	
624	TOLUENE	UG/L	<0.50	VG	08/17/95	
624	1,1,1-TRICHLOROETHANE	UG/L	<0.50	VG	08/17/95	
624	1,1,2-TRICHLOROETHANE	UG/L	<0.50	VG	08/17/95	
624	TRICHLOROETHENE	UG/L	<0.50	VG	08/17/95	
624	TRICHLOROTRIFLUOROMETHANE	UG/L	<0.50	VG	08/17/95	
624	VINYL CHLORIDE	UG/L	<0.50	VG	08/17/95	
625	ACENAPHTHENE	UG/L	<5.0	NB	08/18/95	08/18/95
625	ACENAPHTHYLENE	UG/L	<5.0	NB	08/18/95	08/18/95
625	ANTHRACENE	UG/L	<5.0	NB	08/18/95	08/18/95
625	BENZIDINE	UG/L	<25	NB	08/18/95	08/18/95
625	BENZ(A)ANTHRACENE	UG/L	<5.0	NB	08/18/95	08/18/95
625	BRNZO(B)FLUORANTHENE	UG/L	<5.0	NB	08/18/95	08/18/95
625	BENZO(K)FLUORANTHENE	UG/L	<5.0	NB	08/18/95	08/18/95
625	BENZO(G,H,I)PERYLENE	UG/L	<5.0	NB	08/18/95	08/18/95
625	BENZO(A)PYRENE	UG/L	<5.0	NB	08/18/95	08/18/95
625	BIS(2-CHLOROETHOXY) METHANE	UG/L	<5.0	NB	08/18/95	08/18/95
625	BIS(2-CHLOROETHYL) ETHER	UG/L	<5.0	NB	08/18/95	08/18/95



OMEGA ENVIRONMENTAL SERVICES
4661 HAMMERMILL ROAD, SUITE B
TUCKER, GA 30084
ATTN: M. DOUG DRIVER

ANALYTICAL REPORT

Submission #: 9508000183 Client PO Number:
Date Received: 08/16/95 Project Number: 95012
Date Reported: 08/30/95 Project: KEY WEST NAS

Page 3

Lab Sample Number: 122365
Date Sampled: 08/14/95
Client Sample Number: 1276-D
Sample Description: GROUND WATER WASTE WATER TANK

Method	Component	Unit	Result	Analyst	Date Analyzed	Date Prepared
625	BIS(2-CHLOROISOPROPYL) ETHER	UG/L	<5.0	NB	08/18/95	08/18/95
625	BIS(2-ETHYLHEXYL) PHTHALATE	UG/L	<5.0	NB	08/18/95	08/18/95
625	4-BROMOPHENYL PHENYL ETHER	UG/L	<5.0	NB	08/18/95	08/18/95
625	BUTYL BENZYL PHTHALATE	UG/L	<5.0	NB	08/18/95	08/18/95
625	2-CHLORONAPHTHALENE	UG/L	<5.0	NB	08/18/95	08/18/95
625	4-CHLORO-3-METHYLPHENOL	UG/L	<20	NB	08/18/95	08/18/95
625	2-CHLOROPHENOL	UG/L	<5.0	NB	08/18/95	08/18/95
625	4-CHLOROPHENYL PHENYL ETHER	UG/L	<5.0	NB	08/18/95	08/18/95
625	CHRYSENE	UG/L	<5.0	NB	08/18/95	08/18/95
625	DIBENZO(A,H)ANTHRACENE	UG/L	<5.0	NB	08/18/95	08/18/95
625	DI-N-BUTYLPHTHALATE	UG/L	<5.0	NB	08/18/95	08/18/95
625	1,2-DICHLOROBENZENE	UG/L	<5.0	NB	08/18/95	08/18/95
625	1,3-DICHLOROBENZENE	UG/L	<5.0	NB	08/18/95	08/18/95
625	1,4-DICHLOROBENZENE	UG/L	<5.0	NB	08/18/95	08/18/95
625	3,3'-DICHLOROBENZIDINE	UG/L	<20	NB	08/18/95	08/18/95
625	2,4-DICHLOROPHENOL	UG/L	<5.0	NB	08/18/95	08/18/95
625	DIETHYLPHTHALATE	UG/L	<5.0	NB	08/18/95	08/18/95
625	DIMETHYLPHENOL	UG/L	<5.0	NB	08/18/95	08/18/95
625	DIMETHYLPHTHALATE	UG/L	<5.0	NB	08/18/95	08/18/95
625	4,6-DINITRO-2-METHYLPHENOL	UG/L	<20	NB	08/18/95	08/18/95
625	2,4-DINITROPHENOL	UG/L	<20	NB	08/18/95	08/18/95
625	2,4-DINITROTOLUENE	UG/L	<5.0	NB	08/18/95	08/18/95
625	2,6-DINITROTOLUENE	UG/L	<5.0	NB	08/18/95	08/18/95
625	DI-N-OCTYLPHTHALATE	UG/L	<5.0	NB	08/18/95	08/18/95
625	DIOXIN (2,3,7,8-TCDD) (SCREE	UG/L	<100	NB	08/18/95	08/18/95



OMEGA ENVIRONMENTAL SERVICES
4661 HAMMERMILL ROAD, SUITE B
TUCKER, GA 30084
ATTN: M. DOUG DRIVER

ANALYTICAL REPORT

Submission #: 9508000183 Client PO Number:
Date Received: 08/16/95 Project Number: 95012
Date Reported: 08/30/95 Project: KEY WEST NAS

Page 4

Lab Sample Number: 122365
Date Sampled: 08/14/95
Client Sample Number: 1276-D
Sample Description: GROUND WATER WASTE WATER TANK

Method	Component	Unit	Result	Analyst	Date Analyzed	Date Prepared
625	FLUORANTHENE	UG/L	<5.0	NB	08/18/95	08/18/95
625	FLUORENE	UG/L	<5.0	NB	08/18/95	08/18/95
625	HEXACHLOROBENZENE	UG/L	<5.0	NB	08/18/95	08/18/95
625	HEXACHLOROBUTADIENE	UG/L	<5.0	NB	08/18/95	08/18/95
625	HEXACHLOROCYCLOPENTADIENE	UG/L	<5.0	NB	08/18/95	08/18/95
625	HEXACHLOROETHANE	UG/L	<5.0	NB	08/18/95	08/18/95
625	INDENO(1,2,3-CD)PYRENE	UG/L	<5.0	NB	08/18/95	08/18/95
625	ISOPHORONE	UG/L	<5.0	NB	08/18/95	08/18/95
625	2-METHYLNAPHTHALENE	UG/L	<5.0	NB	08/18/95	08/18/95
625	NAPHTHALENE	UG/L	<5.0	NB	08/18/95	08/18/95
625	NITROBENZENE	UG/L	<5.0	NB	08/18/95	08/18/95
625	2-NITROPHENOL	UG/L	<5.0	NB	08/18/95	08/18/95
625	4-NITROPHENOL	UG/L	<20	NB	08/18/95	08/18/95
625	N-NITROSODIMETHYLAMINE	UG/L	<5.0	NB	08/18/95	08/18/95
625	N-NITROSODIPHENYLAMINE	UG/L	<5.0	NB	08/18/95	08/18/95
625	N-NITROSODI-N-PROPYLAMINE	UG/L	<5.0	NB	08/18/95	08/18/95
625	PENTACHLOROPHENOL	UG/L	<20	NB	08/18/95	08/18/95
625	PHENANTHRENE	UG/L	<5.0	NB	08/18/95	08/18/95
625	PHENOL	UG/L	<5.0	NB	08/18/95	08/18/95
625	PYRENE	UG/L	<5.0	NB	08/18/95	08/18/95
625	1,2,4-TRICHLOROBENZENE	UG/L	<5.0	NB	08/18/95	08/18/95
625	2,4,6-TRICHLOROPHENOL	UG/L	<5.0	NB	08/18/95	08/18/95



OMEGA ENVIRONMENTAL SERVICES
4661 HAMMERMILL ROAD, SUITE B
TUCKER, GA 30084
ATTN: M. DOUG DRIVER

ANALYTICAL REPORT

Submission #: 9508000183
Date Received: 08/16/95
Date Reported: 08/30/95

Client PO Number:
Project Number: 95012
Project: KEY WEST NAS

Page 9

Lab Sample Number: 122366
Date Sampled: 08/14/95
Client Sample Number: 1276-D
Sample Description: SOIL

Method	Component	Unit	Result	Analyst	Date Analyzed	Date Prepared
8270	PENTACHLOROPHENOL	UG/KG	<660	NB	08/20/95	08/18/95
8270	PHENANTHRENE	UG/KG	<170	NB	08/20/95	08/18/95
8270	PHENOL	UG/KG	<170	NB	08/20/95	08/18/95
8270	PYRENE	UG/KG	<170	NB	08/20/95	08/18/95
8270	1,2,4-TRICHLOROBENZENE	UG/KG	<170	NB	08/20/95	08/18/95
8270	2,4,6-TRICHLOROPHENOL	UG/KG	<170	NB	08/20/95	08/18/95
SM2540G	PERCENT SOLID	%	82	JE	08/22/95	

Lab Sample Number: 122367
Date Sampled: 08/15/95
Client Sample Number: 322-D
Sample Description: SOIL

Method	Component	Unit	Result	Analyst	Date Analyzed	Date Prepared
	TENTATIVELY IDENTIFIED COMP		NO TICS	JE	08/22/95	
1311	TCLP LEACHATE GENERATION		JB	JE	08/22/95	
1311/7060	ARSENIC (TCLP)	MG/L	<0.010	BB	08/21/95	
1311/7080	BARIUM (TCLP)	MG/L	<2.5	JB	08/21/95	
1311/7130	CADMIUM (TCLP)	MG/L	<0.25	JB	08/18/95	
1311/7190	CHROMIUM (TCLP)	MG/L	<1.0	JB	08/21/95	
1311/7420	LEAD (TCLP)	MG/L	<1.0	JB	08/18/95	
1311/7470	MERCURY (TCLP)	MG/L	<0.00020	BB	08/18/95	
1311/7740	SELENIUM (TCLP)	MG/L	<0.020	JB	08/22/95	

APPENDIX 5

Certificate of Disposal

Omega Environmental Services Inc. certifies that the following listed items have been disposed of in the described manner and all supporting data is accurate and complete. The listed items were disposed of as specified in API 1604 in accordance with Section 17-761.800 F.A.C.

Item Description

Tank 1276 D
550 Gallon Steel Tank Building 1276.
Key West, NAS, Florida

Disposal Method

Tank was Cleaned and disassembled for Disposal at
Atlas Iron Processors Inc.
Miami, Florida

Disposal Date

September 15, 1995

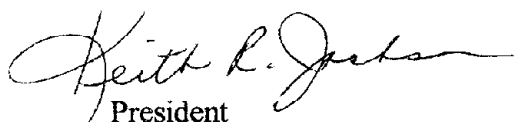
Contract Information

Remove Underground Storage Tanks
Key West, NAS, Florida
Contract No. N62467-93-C-0645
Department of The Navy

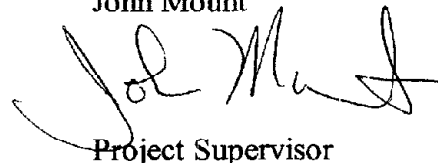
We Certify that the above information is accurate and complete.

Omega Environmental Services Representatives

Keith Jackson


President

John Mount


Project Supervisor

ATLAS IRON PROCESSORS INC.

Weight Station
#700 NORTH RIVER DRIVE
MIAMI FL 33142

WEIGHMASTER CERTIFICATE

Time
In...07:11AM
Out...07:38AM

PO : #99999
Broker :
Mill :

Weight
64,760 Gross
32,140 Tare
32,620 Net

Ticket : ~~XXXX~~

Carrier : 0500 KEY WEST INTERSTATE

Peddler : 100500 KEY WEST INTERSTATE
BLUE WEST

Commodity : SHRED

Price : ~~XXXX~~

Total : ~~XXXX~~

Date : 08/21/95

Gro: By SCALE Deputy

Tare By SCALE Deputy

VEHICLE OWNER ASSUMES RESPONSIBILITY FOR ANY DAMAGE TO VEHICLE BY CRANE.
I hereby attest that this material contains no CFC'S, PCB'S or any hazardous materials.

SIGNED X

Freddie Gonzalez

THIS IS TO CERTIFY that the above described commodity was weighed, measured, or counted by a weighmaster who is a recognized authority of accuracy, as prescribed by the applicable Business and Professions Code of this state, and administered by the authorized state department responsible for Measurement Standards of this state. I hereby attest that the Title(s) to any motor vehicle(s) included in the description of commodities on the Weighmaster's Certificate has been surrendered to the Clerk of the Court of Common Pleas.

WEIGHMASTER

Omega Environmental Services
Manifest Shipping Log
Tank 1276 D

Date	Shipper	Tank #	Manifest #	Quantity	Units
31-Aug-95	EMC	1276D	29734	110	Gallons

Totals

110

Gallons

APPENDIX 6

NASKWINST 11010.3
4 FEBRUARY 1991

S KEY WEST UNDERGROUND EXCAVATION PERMIT

PART I (Complete by requestor)

From: ROICC OFFICE Date: JULY 10, 1995
To: Public Works Officer, NAS. Key West Applicant's Request No. 4

It is requested that a permit be issued for performing the work required by:

1. CONTRACT # 93-0645 REMOVE UNDER GROUND TANKS - OMEGA ENV.
(Reference contract, drawing, specifications, service call, etc. (include prime contractor or A/E identification.)

2. EXCAVATION 3. _____
(Type: drill, dredge, trench, etc.) (Charge to job order, etc.)

4. Physical limits: T/A BLDG #1276 - THE OLD SERVICE STATION.
SEE ATTACHED DRAWINGS.

5. Remarks: 1276C HAS BEEN FILLED WITH CONCRETE
(Includes results of any investigation not performed by PWD.)

[Signature]
Signature & Title

PART II (Completed by PWD) (Strike out non-applicable portions.)

From: P.W. ENGINEERING INC To: ROICC Date: 7/19/95

The work delineated above may be undertaken pursuant to the following stipulations:

a. No contractual or other obligations are changed by this permit. Responsibility for damages are not changed by this permit.

b. PWD has examined the work by:
Visual inspection in the field ☒ Field survey _____
Examination of existing plans ☒ Other _____
Investigation with magnetic pipe locator, etc. ☒

Unknown subsurface conditions may exist which cannot be located by any of these standard procedures.

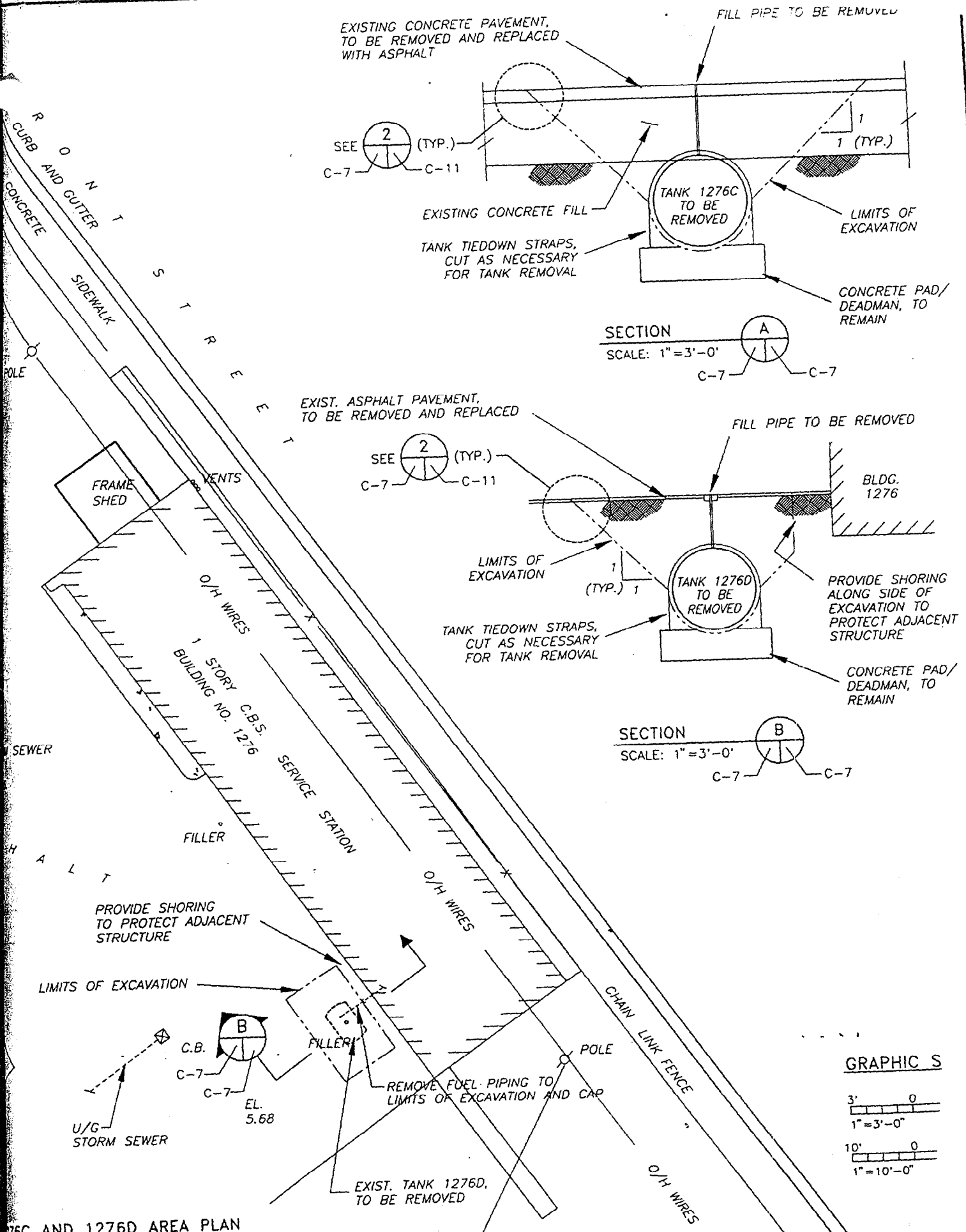
c. Southern Bell Telephone Company must be contacted by requestor prior to digging.

d. The PWD survey indicates that your planned procedure will probably not conflict with existing facilities. You are, therefore, granted permission to perform the work.

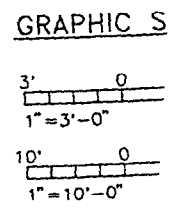
e. The PWD investigation indicates: OK TO EXCAVATE AS INDICATED

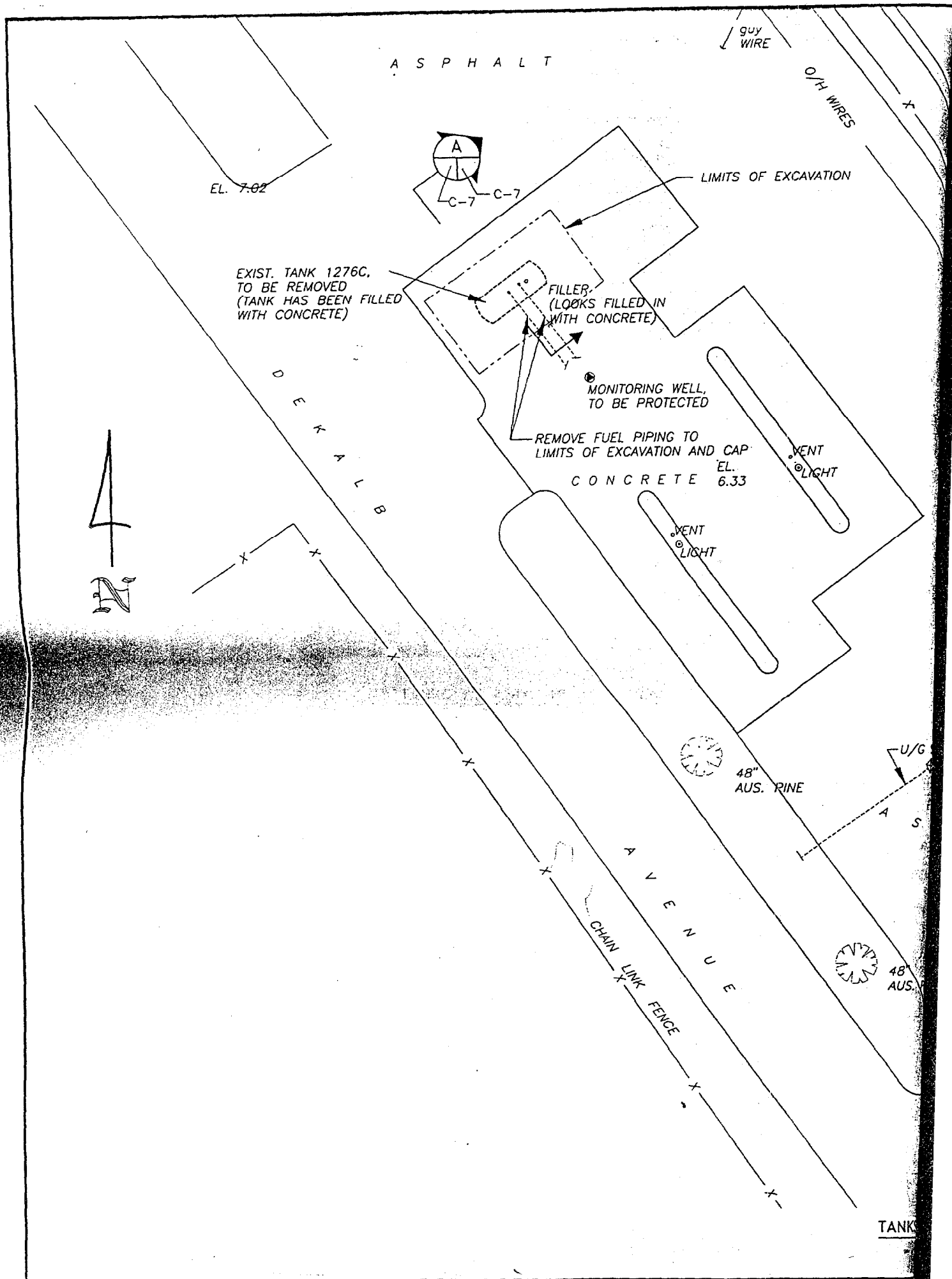
PERMIT NO. 258

[Signature]
Signature & Title
Engineering Division

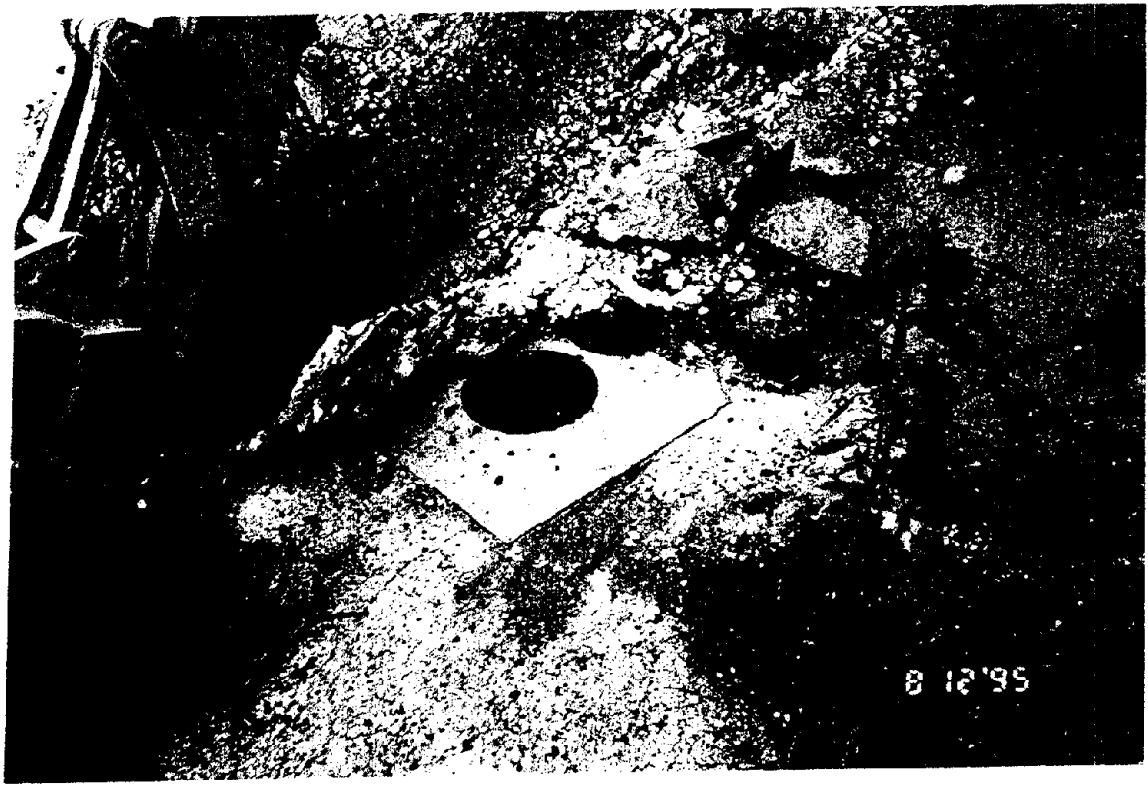


1276C AND 1276D AREA PLAN
SCALE: 1"=10'-0"





APPENDIX 7



EXCAVATING AROUND FILL PIPE



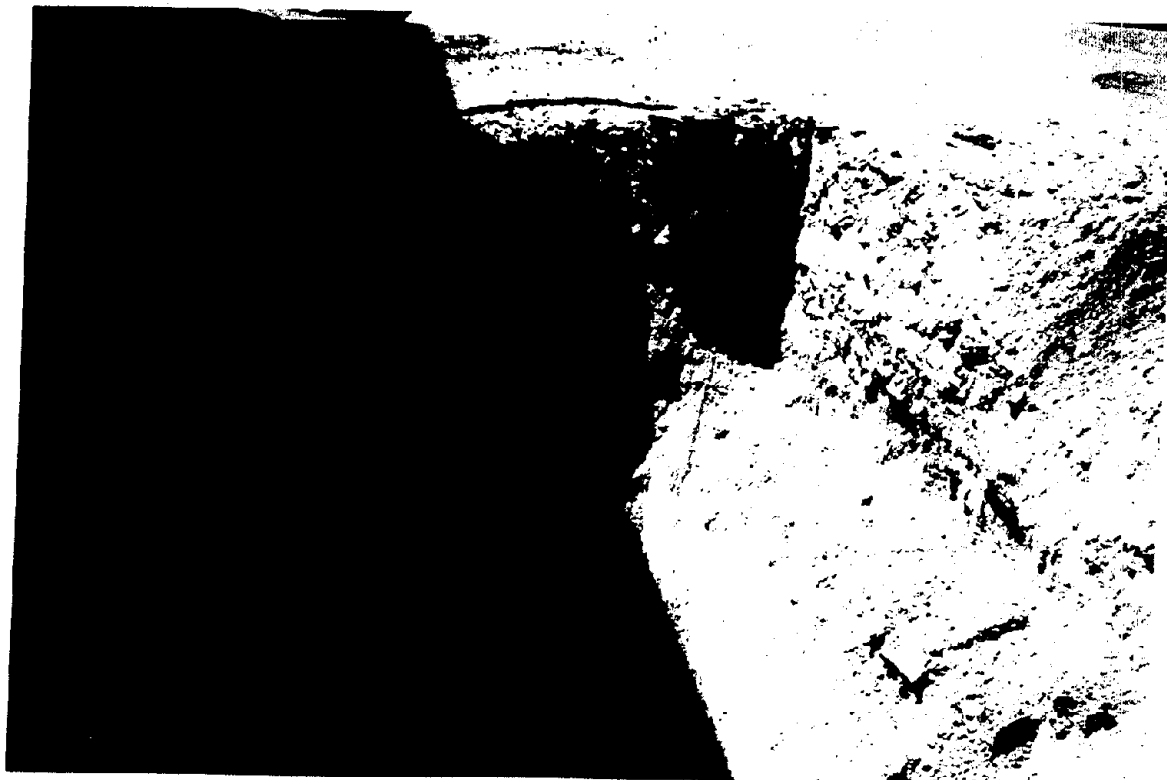
EQUIPMENT BEING USED TO
EXCAVATE AROUND TANK



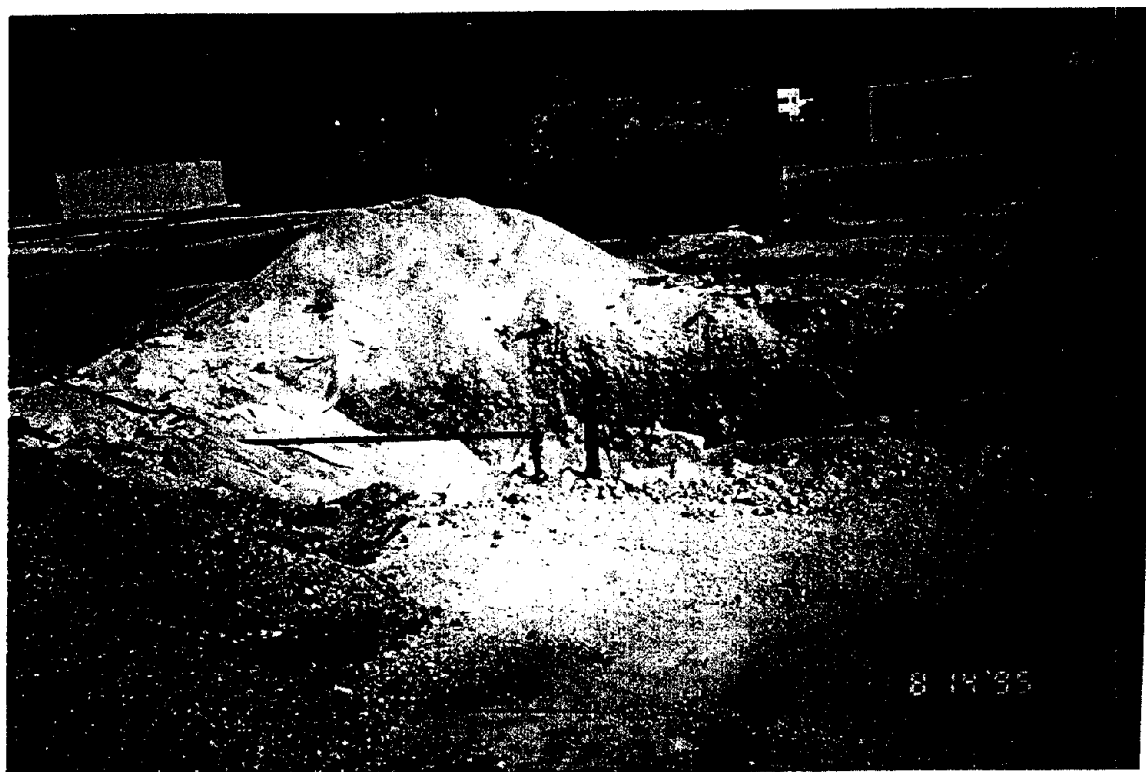
SOIL BEING EXCAVATED TO TOP
OF TANK



EXCAVATION WITH TANK REMOVED
VIEW FROM NORTH



EXCAVATION WITH TANK REMOVED
VIEW FROM SOUTH



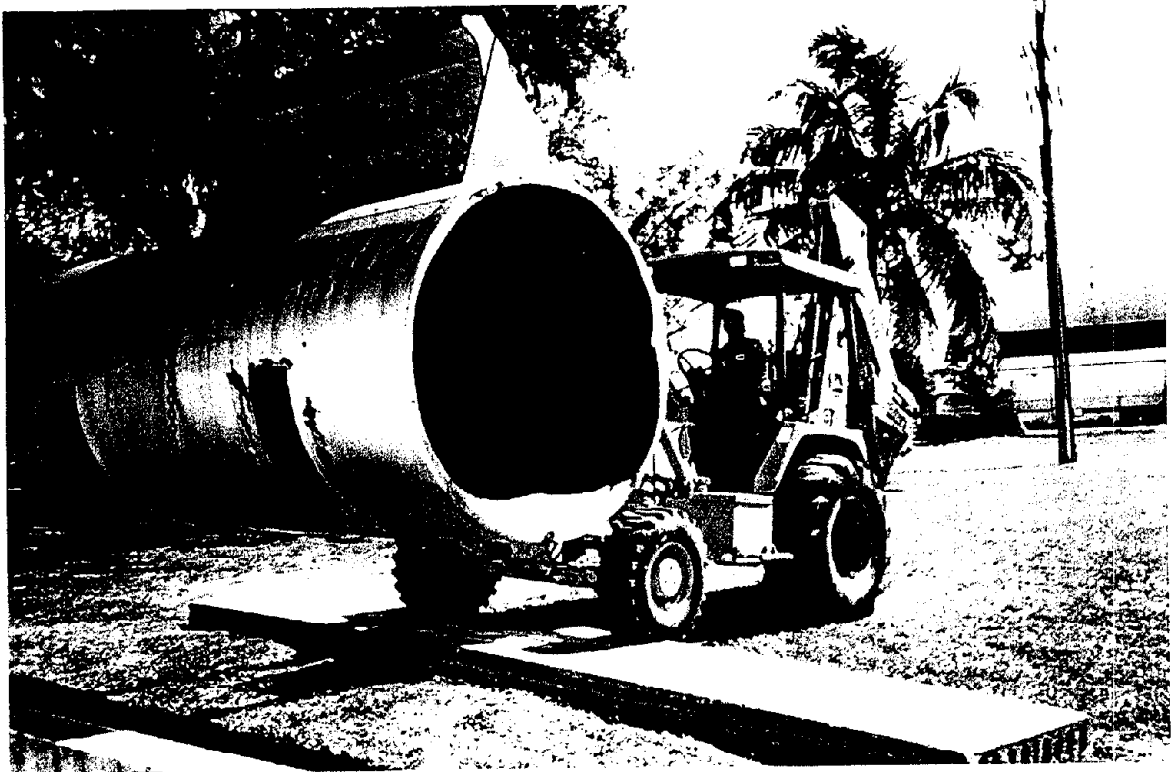
VIEW OF TANK 1276D SMALL TANK TO
RIGHT OF PHOTOGRAPH

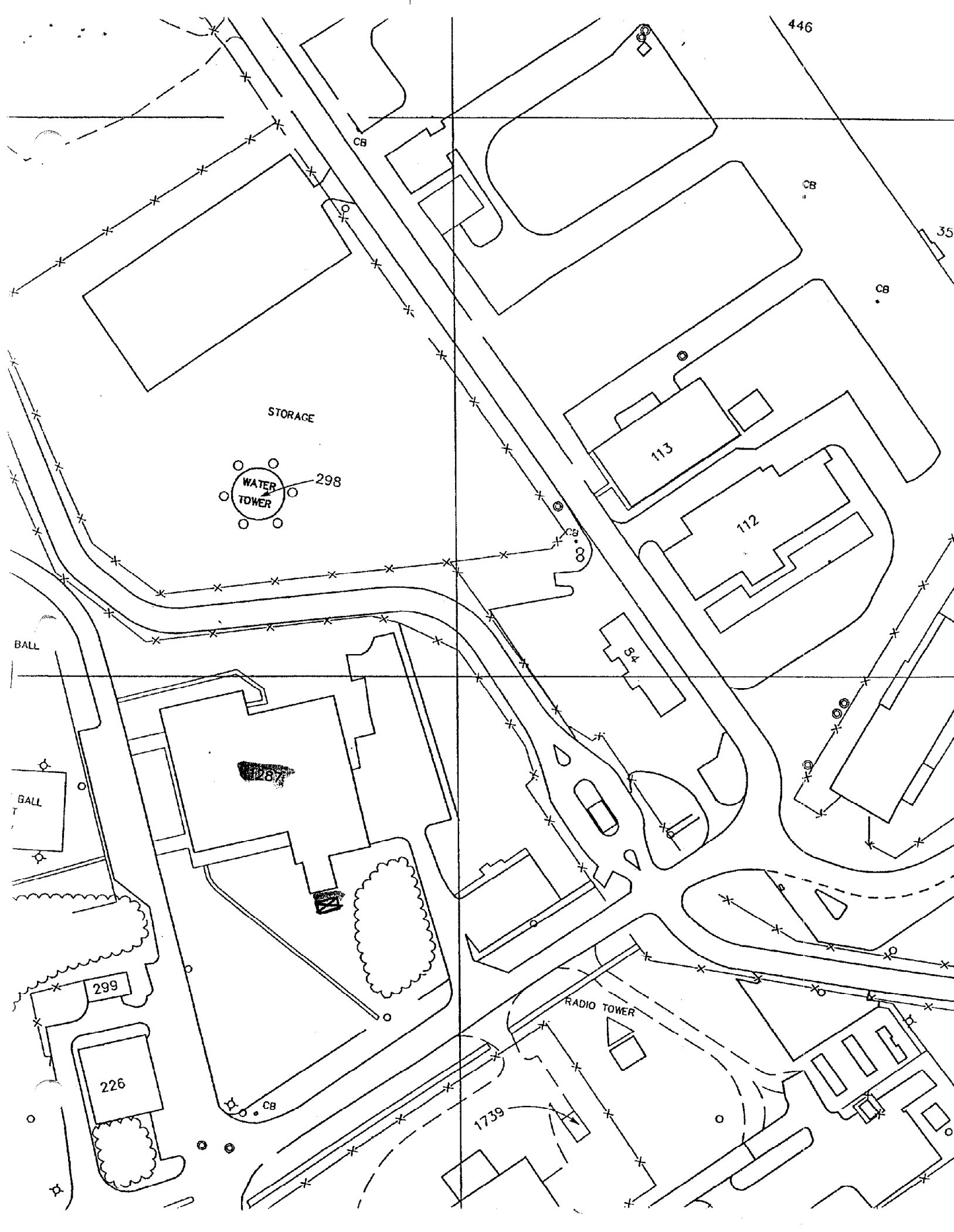
1287

There was an aboveground storage tank (AST) located at the Galley, Building 1287, Truman Annex, Key West, Florida. There was a masonry wall around the AST. The AST was used to store diesel.

The AST was emptied and the product shipped and properly disposed. The AST was removed on 26 April 1996, triple rinsed, demolished, and properly disposed.

The soil and groundwater showed signs of contamination above the state target levels. A Contamination Assessment Report (CAR) should be initiated.





**Navy Public Works Center
Environmental Laboratory**

Bldg. 3887, Code 920
NAS Pensacola, FL 32508 - 6500
Phone (904) 452-4728/3642
NSN 922-4728/3642

Client: Key West NAS
Address Key West, FL
Phone DSN 483-2881
Contact Paul Semmes

**Analytical Report
602 Volatiles by Method 8260**

Lab Report Number: 61775
Sample Date: 03 May 96
Received Date: 06 May 96
Sample Site: Key West NAS
Job Order No.: 1024019

LAB Sample ID#	1- 61775
Sample Name / Location	Key West 1287
Collector's Name	R. Davis
Date & Time Collected	03 May 96 @ 1250
Sample Type (composite or grab)	Grab
Analyst	J. Moore
Date of Extraction / Initials	09 May 96 / JWM
Date of Analysis	09 May 96
Sample Matrix	GW
Dilution	X 1
COMPOUND NAME	1- 61775 units Det. Limit
Benzene	3 UG/L 1
Chlorobenzene	BDL UG/L 1
1,2-Dichlorobenzene	BDL UG/L 1
1,3-Dichlorobenzene	BDL UG/L 1
1,4-Dichlorobenzene	BDL UG/L 1
Ethylbenzene	7 UG/L 1
Toluene	BDL UG/L 1
Xylenes (Total)	7 UG/L 1
Methyl-tert-butyl ether (MTBE)	BDL UG/L 1
Total VOA	17 UG/L

SURROGATE SPIKE RECOVERIES

	Acceptance Limits	
1,2-Dichloroethane-d4	75-133	109
Toluene-d8	86-119	112
Bromofluorobenzene	85-116	108

COMMENTS :

BDL = Below detection limit. UG/L = Microgram per liter. * = FL HRS certification pending

Approved by : Jim Taylor for J. Pers

Date : 5/28/96

**Navy Public Works Center
Environmental Laboratory**

Bldg. 3887, Code 920
NAS Pensacola, FL 32508 - 6500
Phone (904) 452-4728/3642
922-4728/3642

Client: Key West NAS
Address Key West, FL
Phone DSN 483-2881
Contact Paul Semmes

Analytical Report

610 PAH's by Method 8270

Lab Report Number: 61817
Sample Date: 04 May 96
Received Date: 07 May 96
Sample Site: Key West NAS
Job Order No.: 1024019

LAB Sample ID#	1- 61817
Sample Name / Location	KEY WEST 1287
Collector's Name	R. Davis
Date & Time Collected	Not Submitted
Sample Type (composite or grab)	Grab
Analyst	J. Moore
Date of Extraction / Initials	05/09/96 JJ
Date of Analysis	05/24/96
Sample Matrix	Groundwater
Dilution	X 1
COMPOUND NAME	1- 61817 units Det. Limit
Acenaphthene	5 UG/L 5
Acenaphthylene	BDL UG/L 5
Anthracene	BDL UG/L 2
Benzo(a)anthracene	BDL UG/L 3
Benzo(a)pyrene	BDL UG/L 2
Benzo(b)fluoranthene	BDL UG/L 4
Benzo(g,h,i)perylene	BDL UG/L 3
Benzo(k)fluoranthene	BDL UG/L 4
Chrysene	BDL UG/L 3
benz(a,h)anthracene	BDL UG/L 3
fluoranthene	BDL UG/L 2
Flourene	13 UG/L 4
Indeno(1,2,3-cd)pyrene	BDL UG/L 2
1-Methylnaphthalene	62 UG/L 7
2-Methylnaphthalene	74 UG/L 5
Naphthalene	41 UG/L 7
Phenanthrene	11 UG/L 3
Pyrene	BDL UG/L 3

SURROGATE SPIKE RECOVERIES

	Acceptance Limits	
Nitrobenzene- d5	35-114	85
2-Fluorobiphenyl	43-116	82
Terphenyl -d14	33-141	82

COMMENTS : Petroleum hydrocarbons were present in the sample based on the chromatogram.
Only site information was submitted.

BDL = Below detection limit. UG/L = Microgram per liter.

Approved by :

Jim Taylor for Jerry Dees Date:

5/28/96

Public Works Engineering

COMMANDING OFFICER, PUBLIC WORKS CODE 188
POST OFFICE BOX 9007, KEY WEST FL 33040-9001**FAX**Date: 5/23/97Number of pages including cover sheet: 10

To:

Chuck Bryan003-642-8454

Phone:

Fax phone:

CC:

From:

Philip Williams
IR - Manager

Phone:

305/293-2194 (DSN 483)

Fax phone:

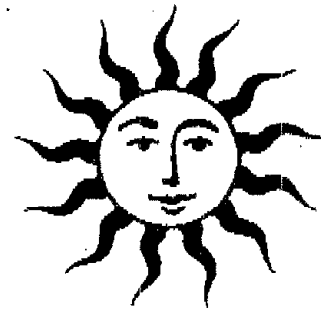
305/293-2542 (DSN 483)

REMARKS:

☐ Urgent☒ For your review☐ Reply ASAP☐ Please comment

Chuck, here is a copy of the
fence closure report from HWS

Philip

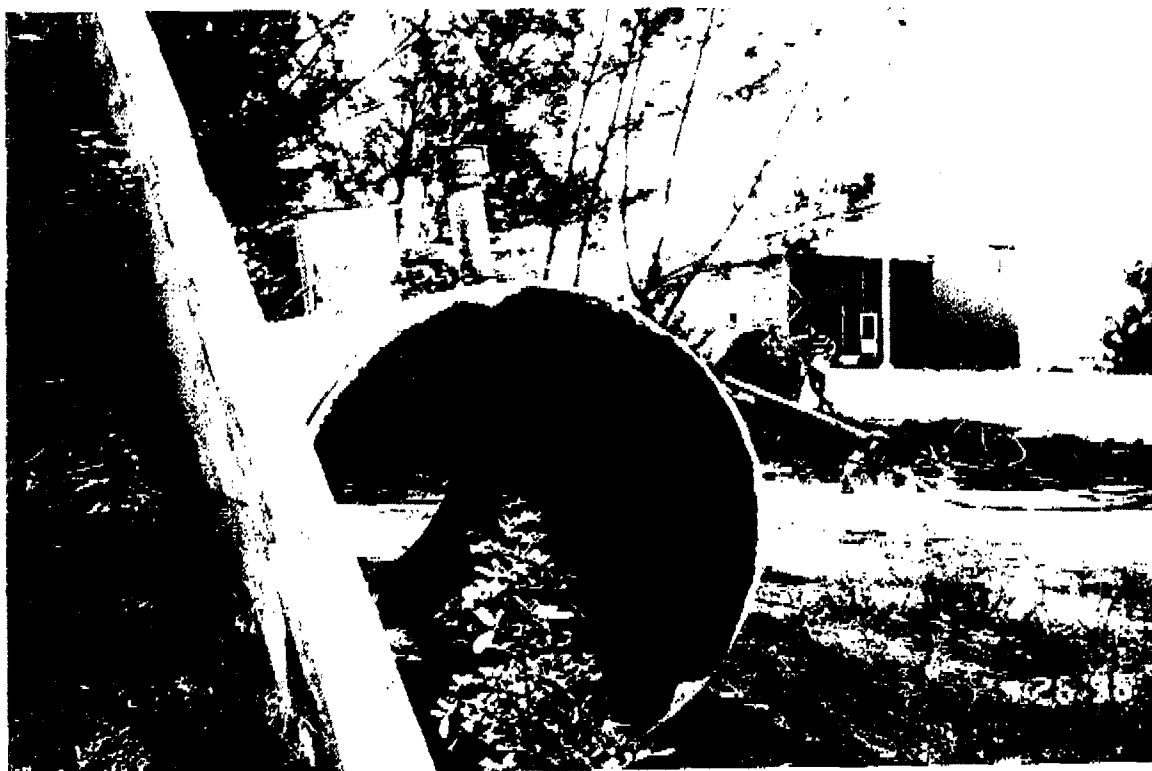


I01, I02

There were two aboveground storage tank (AST) systems at the Hamaca Hawk Missile Site, Key West, Florida. There was a 2,000 gallon AST and a 500 gallon AST, both used to store diesel.

The AST's were emptied and the product shipped and properly disposed. The AST's were removed on 26 April 1996, triple rinsed, demolished, and properly disposed.

The soil and groundwater at the 2,000 gallon AST showed signs of contamination above the state target levels. The soil and groundwater at the 500 gallon AST did not show signs of contamination above the state target levels. A Contamination Assessment Report (CAR) should be initiated at the 2,000 gallon AST site.



BORING	DESCRIP
1.0	SEE NO
2.0	SEE NO
3.0	DENSE L
4.0	DENSE LI
5.0	MEDIUM, LIMESTONE THIN HAZ
6.0	MEDIUM, LIMESTONE THIN HAZ
7.0	MEDIUM, LIMESTONE THIN HAZ
8.0	SEE NO
9.0	END OF

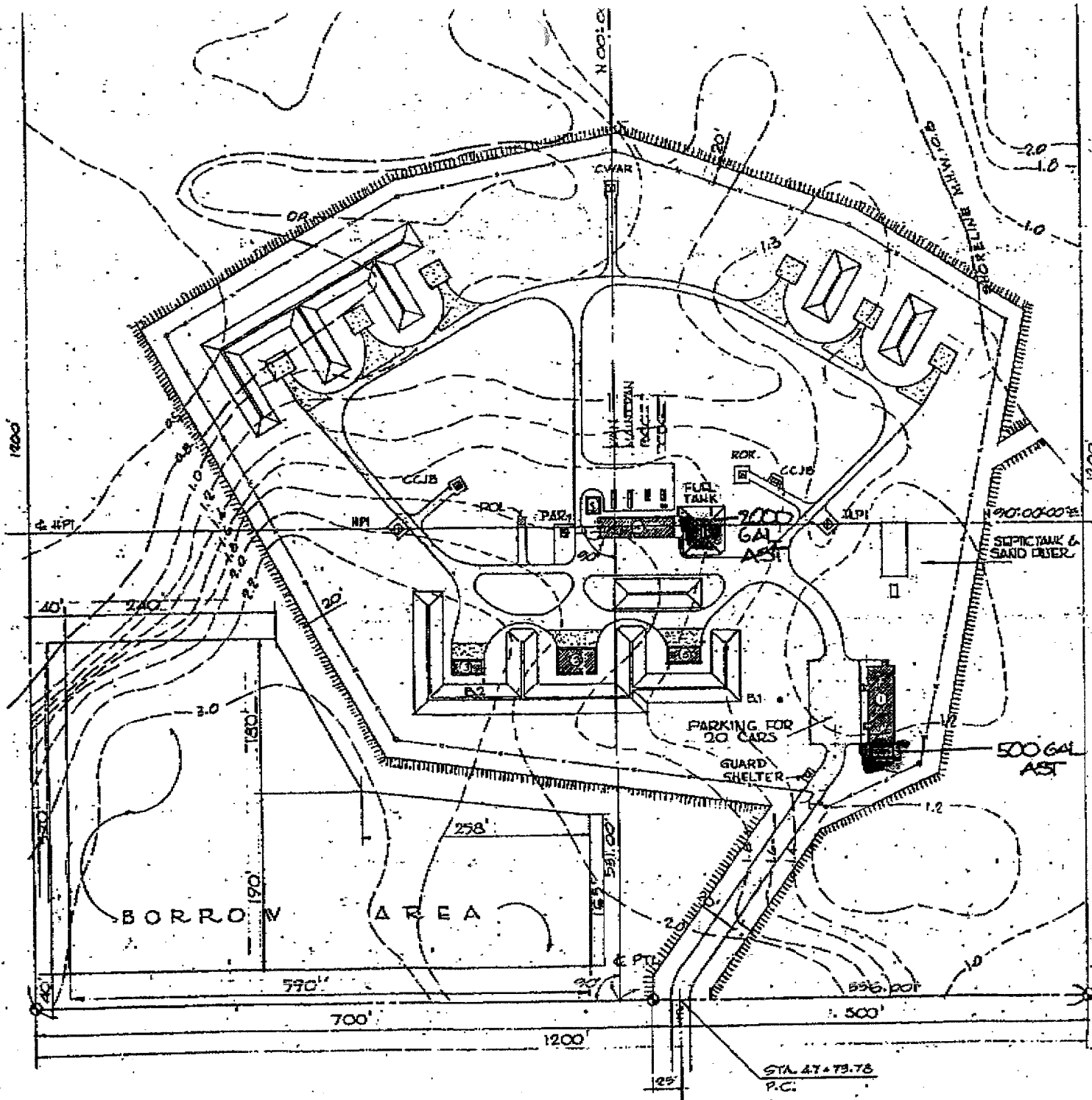
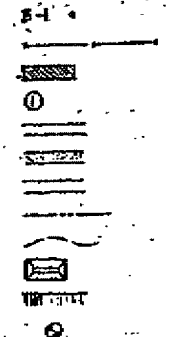
NOTE #1: WATER

WATER (9' ROCK SV

NOTE #2: VERY LIMESTONE

NOTE #3: MEDIUM LIMESTONE THIN HAZ

SYMBOL LEG:



ELEVATION
15.2785, M
UM
DA
100



Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

DER Form #	17-761.800(B)
Form Title	Closure Assessment Form
Effective Date	December 10, 1990
DER Application Fee	(Add in by DER)

Closure Assessment Form

Owners of storage tank systems that are replacing, removing or closing in place storage tanks shall use this form to demonstrate that a storage system closure assessment was performed in accordance with Rule 17-761 or 17-762, Florida Administrative Code. Eligible Early Detection Incentive (EDI) and Reimbursement Program sites do not have to perform a closure assessment.

Please Print or Type
Complete All Applicable Blanks

- Date: 17 June 1996
- DER Facility ID Number: (Applied For)
- County: Monroe
- Facility Name: U.S. Navy
- Facility Owner: Commanding Officer, NAS Key West
- Facility Address: Hamaca (H01) Hawk Missile Site
- Mailing Address: Code 1883 Public Works Dept. P.O. Box 9007 Key West, FL 33040
- Telephone Number: (305) 293-2881
- Facility Operator: Mr. Jim Simmen
- Are the Storage Tank(s): (Circle one or both) (A) Aboveground or B. Underground
Type of Product(s) Stored: Diesel
- Were the Tank(s): (Circle one) A. Replaced (B) Removed C. Closed in Place D. Upgraded (aboveground tanks only)
- Number of Tanks Closed: One (1)
- Age of Tanks: _____

Facility Assessment Information

Yes No Not Applicable

<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	

1. Is the facility participating in the Florida Petroleum Liability Insurance and Restoration Program (FPLIRP)?

2. Was a Discharge Reporting Form submitted to the Department?

If yes, When: _____ Where: _____

<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

3. Is the depth to ground water less than 20 feet?

4. Are monitoring wells present around the storage system?

If yes, specify type: ☐ Water monitoring ☐ Vapor monitoring

<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

5. Is there free product present in the monitoring wells or within the excavation?

6. Were the petroleum hydrocarbon vapor levels in the soils greater than 500 parts per million for gasoline?

Specify sample type: ☐ Vapor Monitoring wells ☐ Soil sample(s)

<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

7. Were the petroleum hydrocarbon vapor levels in the soils greater than 50 parts per million for diesel/kerosene?

Specify sample type: ☐ Vapor Monitoring wells ☒ Soil sample(s)

<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

8. Were the analytical laboratory results of the ground water sample(s) greater than the allowable state target levels? (See target levels on reverse side of this form and supply laboratory data sheets)

9. If a used oil storage system, did a visual inspection detect any discolored soil indicating a release?

<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

10. Are any potable wells located within 1/4 of a mile radius of the facility?

11. Is there a surface water body within 1/4 mile radius of the site? If yes, indicate distance: _____

**Navy Public Works Center
Environmental Laboratory**

Bldg. 3837, Code 920

Pensacola, FL 32308 - 6300

Phone (904) 452-4728/3642

SN 922-4728/3642

Client: Key West NAS

Address Key West, FL

Phone DSN 483-2881

Contact Paul Semmes

**Analytical Report
602 Volatiles by Method 8260**

Lab Report Number: 61816

Sample Date: 04 May 96

Received Date: 07 May 96

Sample Site: Key West NAS

Job Order No.: 1024019

LAB Sample ID#	1-	61816
Sample Name / Location	Hamaca 01	
Collector's Name	R. Davis	
Date & Time Collected	05/04/96 @ 0740	
Sample Type (composite or grab)	Grab	
Analyst	J. Moore	
Date of Extraction / Initials	05/10/96 JM	
Date of Analysis	05/10/96	
Sample Matrix	Groundwater	
Dilution	X 1	
COMPOUND NAME	1- 61816	units Det. Limit
Benzene	BDL	UG/L 1
Chlorobenzene	BDL	UG/L 1
1,2-Dichlorobenzene	BDL	UG/L 1
1,3-Dichlorobenzene	BDL	UG/L 1
1,4-Dichlorobenzene	BDL	UG/L 1
Ethylbenzene	9	UG/L 1
Toluene	BDL	UG/L 1
Xylenes (Total)	BDL	UG/L 1
Methyl-tert-butyl ether (MTBE) *	BDL	UG/L 1
Total VOA	9	UG/L

SURROGATE SPIKE RECOVERIES

	Acceptance Limits	
1,2-Dichloroethane-d4	75-133	108
Toluene-d8	86-119	111
Bromofluorobenzene	85-116	111

COMMENTS :

BDL = Below detection limit.

UG/L = Microgram per liter. * = FL HRS certification pending

Approved by :

Jim Taylor for J. Dees

Date:

5/28/96

**Navy Public Works Center
Environmental Laboratory**

Box 3887, Code 920
Pensacola, FL 32508 - 6500
Phone (904) 452-4728/3642
DSN 922-4728/3642

Client: Key West NAS
Address Key West, FL
Phone DSN 483-2881
Contact Paul Semmes

Analytical Report
610 PAH's by Method 8270

Lab Report Number: 61816
Sample Date: 04 May 96
Received Date: 07 May 96
Sample Site: Key West NAS
Job Order No.: 1024019

LAB Sample ID#	1- 61816
Sample Name / Location	Hamaca 01
Collector's Name	R. Davis
Date & Time Collected	05/04/96 @ 0740
Sample Type (composite or grab)	Grab
Analyst	J. Moore
Date of Extraction / Initials	05/09/96 JJ
Date of Analysis	05/21/96
Sample Matrix	Groundwater
Dilution	X 1

COMPOUND NAME	1- 61816	units	Det. Limit	61816 Re-extract	units	Det. Limit
Acenaphthene ✓	3 J	UG/L	5	7	UG/L	5
Acenaphthylene ✓	BDL	UG/L	5	BDL	UG/L	5
Anthracene ✓	BDL	UG/L	2	BDL	UG/L	2
Benzo(a)anthracene ✓	BDL	UG/L	3	BDL	UG/L	3
Benzo(a)pyrene ✓	BDL	UG/L	2	BDL	UG/L	2
Benzo(b)fluoranthene ✓	BDL	UG/L	4	BDL	UG/L	4
Benzo(g,h,i)perylene ✓	BDL	UG/L	3	BDL	UG/L	3
Benzo(k)fluoranthene ✓	BDL	UG/L	4	BDL	UG/L	4
Berylene ✓	BDL	UG/L	3	BDL	UG/L	3
Benz(a,h)anthracene ✓	BDL	UG/L	3	BDL	UG/L	3
Fluoranthene ✓	BDL	UG/L	2	BDL	UG/L	2
Fluorene ✓	4	UG/L	4	11	UG/L	4
Indeno(1,2,3-cd)pyrene ✓	BDL	UG/L	2	BDL	UG/L	2
1-Methylnaphthalene ✓	42	UG/L	7	120	UG/L	7
2-Methylnaphthalene ✓	4 J	UG/L	5	12	UG/L	5
Naphthalene ✓	2 J	UG/L	7	3 J	UG/L	7
Phenanthrene ✓	4	UG/L	3	12	UG/L	3
Pyrene ✓	BDL	UG/L	3	BDL	UG/L	3

SURROGATE SPIKE RECOVERIES

	Acceptance Limits	61816	61816 RE-EXTRACT
Nitrobenzene- d5	35-114	55	76
2-Fluorobiphenyl	43-116	28 **	79
Terphenyl -d14	33-141	17 **	77

COMMENTS : This sample was extracted on 05/09/96 and analyzed on 05/22/96. Surrogate recoveries on the initial extraction were below acceptance limits. The sample was re-extracted and analyzed on 05/24/96. The results were within limits, but the re-extraction date had exceeded holding times.

BDL = Below detection limit. UG/L = Microgram per liter.

** = Surrogate recovery outside of acceptance limits

J = Compound was detected at a concentration below reporting limits.

Approved by :

Jim Taylor for Jerry Dees

Date:

5/28/96

**Navy Public Works Center
Environmental Laboratory**

Bldg. 3887, Code 920

Pensacola, FL 32508 - 6500

Phone (904) 452-4728/3642

SN 922-4728/3642

Client: Key West NAS

Address Key West, FL

Phone DSN 483-2881

Contact Paul Semmes

Analytical Report**602 Volatiles by Method 8260**

Lab Report Number: 61815

Sample Date: 04 May 96

Received Date: 07 May 96

Sample Site: Key West NAS

Job Order No.: 1024019

LAB Sample ID#	1-	61815	
Sample Name / Location		Hamaca 02	
Collector's Name		R. Davis	
Date & Time Collected		05/04/96 @ 0755	
Sample Type (composite or grab)		Grab	
Analyst		J. Moore	
Date of Extraction / Initials		05/09/96 JM	
Date of Analysis		05/09/96	
Sample Matrix		Groundwater	
Dilution		X	1
COMPOUND NAME	1- 61815	units	Det. Limit
Benzene	BDL	UG/L	1
Chlorobenzene	BDL	UG/L	1
1,2-Dichlorobenzene	BDL	UG/L	1
1,3-Dichlorobenzene	BDL	UG/L	1
1,4-Dichlorobenzene	BDL	UG/L	1
Ethylbenzene	BDL	UG/L	1
Toluene	BDL	UG/L	1
Xylenes (Total)	BDL	UG/L	1
Methyl-tert-butyl ether (MTBE) *	BDL	UG/L	1
Total VOA		UG/L	

SURROGATE SPIKE RECOVERIES

	Acceptance Limits	
1,2-Dichloroethane-d4	75-133	107
Toluene-d8	86-119	110
Bromofluorobenzene	85-116	109

COMMENTS :

BDL = Below detection limit.

UG/L = Microgram per liter. * = FL HRS certification pending

Approved by :

Jim Taylor An L. Dees

Date:

5/28/96

**Navy Public Works Center
Environmental Laboratory**

3887, Code 920
Pensacola, FL 32508 - 6500
Phone (904) 452-4728/3642
DSN 922-4728/3642

Client: Key West NAS
Address Key West, FL
Phone DSN 483-2881
Contact Paul Semmes

Analytical Report
610 PAH's by Method 8270

Lab Report Number: 61815
Sample Date: 04 May 96
Received Date: 07 May 96
Sample Site: Key West NAS
Job Order No.: 1024019

LAB Sample ID#	1- 61815		
Sample Name / Location	Hamaca 02		
Collector's Name	R. Davis		
Date & Time Collected	05/04/96 @ 0755		
Sample Type (composite or grab)	Grab		
Analyst	M. Chambers		
Date of Extraction / Initials	05/09/96 JJ		
Date of Analysis	05/21/96		
Sample Matrix	Groundwater		
Dilution	X 1		
COMPOUND NAME	1- 61815	units	Det. Limit
Acenaphthene	BDL	UG/L	5
Acenaphthylene	BDL	UG/L	5
Anthracene	BDL	UG/L	2
Benzo(a)anthracene	BDL	UG/L	3
Benzo(a)pyrene	BDL	UG/L	2
Benzo(b)fluoranthene	BDL	UG/L	4
Benzo(g,h,i)perylene	BDL	UG/L	3
Benzo(k)fluoranthene	BDL	UG/L	4
Berylene	BDL	UG/L	3
Dibenz(a,h)anthracene	BDL	UG/L	3
Fluoranthene	BDL	UG/L	2
Flourene	BDL	UG/L	4
Indeno(1,2,3-cd)pyrene	BDL	UG/L	2
1-Methylnaphthalene	BDL	UG/L	7
2-Methylnaphthalene	BDL	UG/L	5
Naphthalene	BDL	UG/L	7
Phenanthrene	BDL	UG/L	3
Pyrene	BDL	UG/L	3

SURROGATE SPIKE RECOVERIES

	Acceptance Limits	
Nitrobenzene- d5	35-114	98
2-Fluorobiphenyl	43-116	92
Terphenyl -d14	33-141	106

COMMENTS :

BDL = Below detection limit. UG/L = Microgram per liter. C16

Approved by :

Date:

5/28/96

APPLICATION FOR CLOSURE OF POLLUTANT STORAGE TANK SYSTEM
HRS-MONROE COUNTY PUBLIC HEALTH UNIT

Provide the facility information requested below.

FDEP Facility # Applied For Facility Name U.S. Navy
Facility Location Building H01, Key West, Florida
Property Owner Commanding Officer, NAS Key West
Property Owner Address Code 1883, PWD, P.O. Box 9007, Key West, 33040
Phone (305) 293-2881

Method of Tank Closure Removal

Pollutant Storage Systems Specialty Contractor (PSSSC) who will be on site supervising closure activities. Attach copy of PSSSC license.

Individual Licensed as PSSSC N/A PSSSC# N/A
Firm U.S. Navy - Public Works Center (PWC)
Address 310 John Tower Road, Pensacola, FL 32508

Indicate the firm (s) that will degas, remove, and transport the tank(s), and the method of degassification.

Degassification Method Air Eduction (API 1604-4.2.5)
Firm Removing Tanks U.S. Navy - Public Works Center (PWC)
Contact Mr. Paul R. Semmes, P.E. Phone (904) 452-2170
Firm Transporting Tanks U.S. Navy - Public Works Center (PWC)
Contact Mr. Paul R. Semmes, P.E. Phone (904) 452-2170
Firm Receiving Tanks for Ultimate Disposal U.S. Navy - DRMO
Contact Mr. Robert Saxman (Doc# N00213-6110-1353) Phone (305) 293-5271

Indicate the laboratory that will conduct groundwater analysisContracted Laboratory U.S. Navy - PWC Phone (904) 452-4728Contact Mr. Joe Moore FDEP QA/QC 920121G**Indicate firm(s) transporting and disposing of contaminated soils**Firm Transporting Soils N/A

Contact _____ Phone _____

Firm Remediating/Disposing Soils N/A

Contact _____ Phone _____

Disposal/Remediation Method _____

Indicate the firm(s) that will transport and ultimately dispose of residual product and sludge from the tanks.Firm Transporting Residual Product and Sludge PMIContact Mr. Judd Gilbert Phone (954) 581-4455Firm Receiving/Disposal Residual Product and Sludge PMIContact Mr. Judd Gilbert Phone (954) 581-4455**Indicate the firm and names of personnel that will conduct field sampling.**Contracted Firm U.S. Navy - Public Works Center (PWC)Contact Mr. Paul R. Semmes, P.E. Phone (904) 452-2170Person (s) Sampling Mr. Paul R. Semmes, P.E.

Equipment used for soil screening (Specific Make and Model) _____

Organic Vapor Analyzer (OVA) Flame Ionization Detector (FID)Thermo Environmental, Inc. Model 680-HVM (508) 520-0430

OMEGA ENVIRONMENTAL SERVICES, INC.

**UST CLOSURE REPORT
TANKS 248A&B
NAVAL AIR STATION, KEY WEST, FLORIDA
CONTRACT NUMBER N62467-93-C-0645**



OMEGA ENVIRONMENTAL SERVICES, INC.

**Prepared By
Omega Environmental Services, Inc.
4661 Hammermill Rd., Ste. B
Tucker, Georgia 30084**

Table of Contents

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2.0	UST Removal	1
3.0	OVA Soil Screening	2
4.0	Conclusions	3

Appendices

Appendix 1	Site Plan and Site Maps
Appendix 2	Soil Screening Data & Sample Locations
Appendix 3	FDER Closure Assessment Forms
Appendix 4	Ground water Analysis
Appendix 5	Certificates of Disposal & Cumulative Totals
Appendix 6	Public Work Permits
Appendix 7	Site Photographs



OMEGA ENVIRONMENTAL SERVICES, INC.

4661 Hammermill Rd. Suite B Tucker, GA 30084

Tel: (770) 621-9414 Fax: (770) 934-2451

September 12, 1995

Subject: Underground Storage Tank Closure
 Naval Air Station, Key West, Florida
 Tanks, 248A&B
 Contract No. N62467-93-C-0645

Omega Environmental Services is pleased to submit this closure report and Closure Assessment form 17-176.900(6) to Mark Ewing, Key West, NAS Project Manager. We recommend that this report be submitted to the following offices.

Florida Department of Environmental Regulations
South District Office
2269 Bay Street
Ft. Myers, Florida 33901-2896

Bob Turner
Monroe County Public Health Services
P.O. Box 6193
Key West, Florida 33041-6193

It is my professional opinion that this report meets the Florida Department of Environmental Regulations reporting requirements for Underground Storage Systems, and also meets the specifications required by the Department of the Navy described in contract N62467-93-C-0645, Section 02082, p.3.23 (Closure Reports).

Omega Environmental Services greatly appreciates the opportunity to assist Naval Air Station, Key West, Florida in the Closure of the underground storage tanks associated with this project. If you have any questions do not hesitate to call for further assistance.

Sincerely,

A handwritten signature in black ink, appearing to read "C. H. Moss", is written below the word "Sincerely,".

C. H. Moss, PE
Professional Engineer

1.0 Site Information

On August 11, 1995 Omega Environmental Services removed two underground storage tanks, [248A, 248B] located at the Truman Annex Naval Air Station, Building 248 in Key West, Florida. The tanks were constructed of plate steel and had a capacity of five thousand gallons each. The tanks were used for gasoline storage and was located under a concrete slab with a fuel island located above the tanks. The tanks were empty except for a small amount of residual sludge. The tanks were currently out of use.

Omega Environmental Services was contracted by the U. S. Navy to remove the tanks and associated piping in the excavation and compile all associated reporting and site closure information. The ground water was assessed to be less than twenty feet from the surface which required sampling to comply with FDER regulations. The installation of a ground water monitoring well was performed after the removal process and the samples were sent to Envirolab, Ormond Beach, Florida for analysis.

2.0 UST Removal

On August 11, 1995 OES prepared the location for removal of the tanks. The fuel pumps were removed and piping rinsed into the tanks. The soil was removed to expose the top of tanks which were three feet below the ground surface. The remaining piping was disconnected from the tank, and was rinsed and removed. The soil was excavated down the sides of the tanks and the hold down chains were cut to allow the tanks to be removed. The tanks were checked for the presence of a hazardous atmosphere and found to be safe for removal. The tanks were removed from the excavation and loaded onto a truck for transport to a lay down area for processing for recycling. Omega Environmental Services then backfilled the excavation with fill dirt compacting the soil back to the original grade in one foot lifts. The tanks were cut into sections and shipped for recycling.

During the tank removal process Bob Turner of the Monroe County Health Department and Jim Simmons Key West Naval Air Station Storage Tank Manager visited the site to observe the closure of the tanks, and the soil testing procedures. Also Felix Petitt and Mark Ewing of the ROICC office made daily visits to the site to observe the quality of work during the removal process.

3.0 Soil Screening

The Soil was tested for total hydrocarbons using a Foxboro 108 FID Monitor by John Mount of OES. Sampling was conducted throughout the removal process on the soil. The monitor was allowed to warm up for twenty minutes before calibration. 98 ppm Methane gas was used to calibrate the instrument before testing. The background reading was recorded in the area before sampling was initiated. Samples were taken using latex gloves and placed in pint jars with an aluminum foil cover. The samples were then placed in an ice chest to allow the temperature to equalize. The location of the side wall samples were chosen to be the closest to the tank with a depth that would most likely be

contaminated by leaking fuel. Sampling was conducted at the top of the groundwater level to detect any fuel floating on the water. Samples were taken along the piping and at the fill ports and other locations as specified by the FDER. The samples were numbered and locations recorded along with other information. The samples were then screened using the Foxsboro 108 and the sample data recorded. The sample results are listed in Appendix 2 of this document. All data was recorded in a bound field log at the time of sampling and the field log is available upon request for review by Regulatory Agencies. The sample locations are indicated on the site plan, Appendix 1. Head-space sampling was performed in accordance with FDER Quality Assurance Standard Operating Procedures for Petroleum Storage System Closure Assessments, Section III and IV Respectively.

Water samples were taken after the monitoring well was installed. Two inch PVC piping was used for the monitoring well and it was installed by Omega Environmental Services.. After installation of the well 15 gallons of water was pumped from the well, five times the volume, and the sample bottles were filled for analysis. The samples were shipped, with ice as a preservative, by Federal Express with a Chain of Custody to Envirolab, Ormond Beach, Florida. Sample results are listed in Appendix 4.

4.0 Conclusions

Based on discussions with Bob Turner [Monroe County Health Department] at the site and considering the attached sampling results we are of the opinion that the tanks were closed in accordance with FAC Chapter 62-761 Underground Storage Tank Systems. The ground water analysis reveals slightly elevated levels of Benzene and should be studied by the U. S. Navy for remediation options. The OVA readings reveals very little contamination in the soil and are under the FDER limits.

APPENDIX 1

FIRE WELL

EDGE OF ASPHALT

O/H WIRES

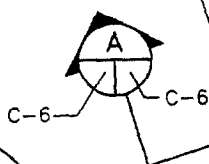
ASPHALT



EXISTING
TO BE RE
WITH ASD

4
S
C-6

EXIST. TANK 248A,
TO BE REMOVED

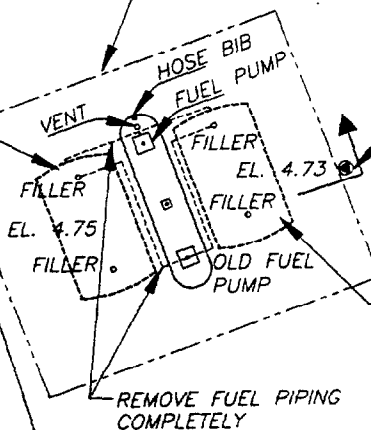


POLE

O/H WIRES

R
O
A
D

LIMITS OF EXCAVATION



MONITORING WELL,
TO BE PROTECTED

EXIST. TANK 248B
TO BE REMOVED

CONCRETE

COR. SIDEWALK EL. 5.21

CONCRETE
8' CONC. CURB
SIDEWALK

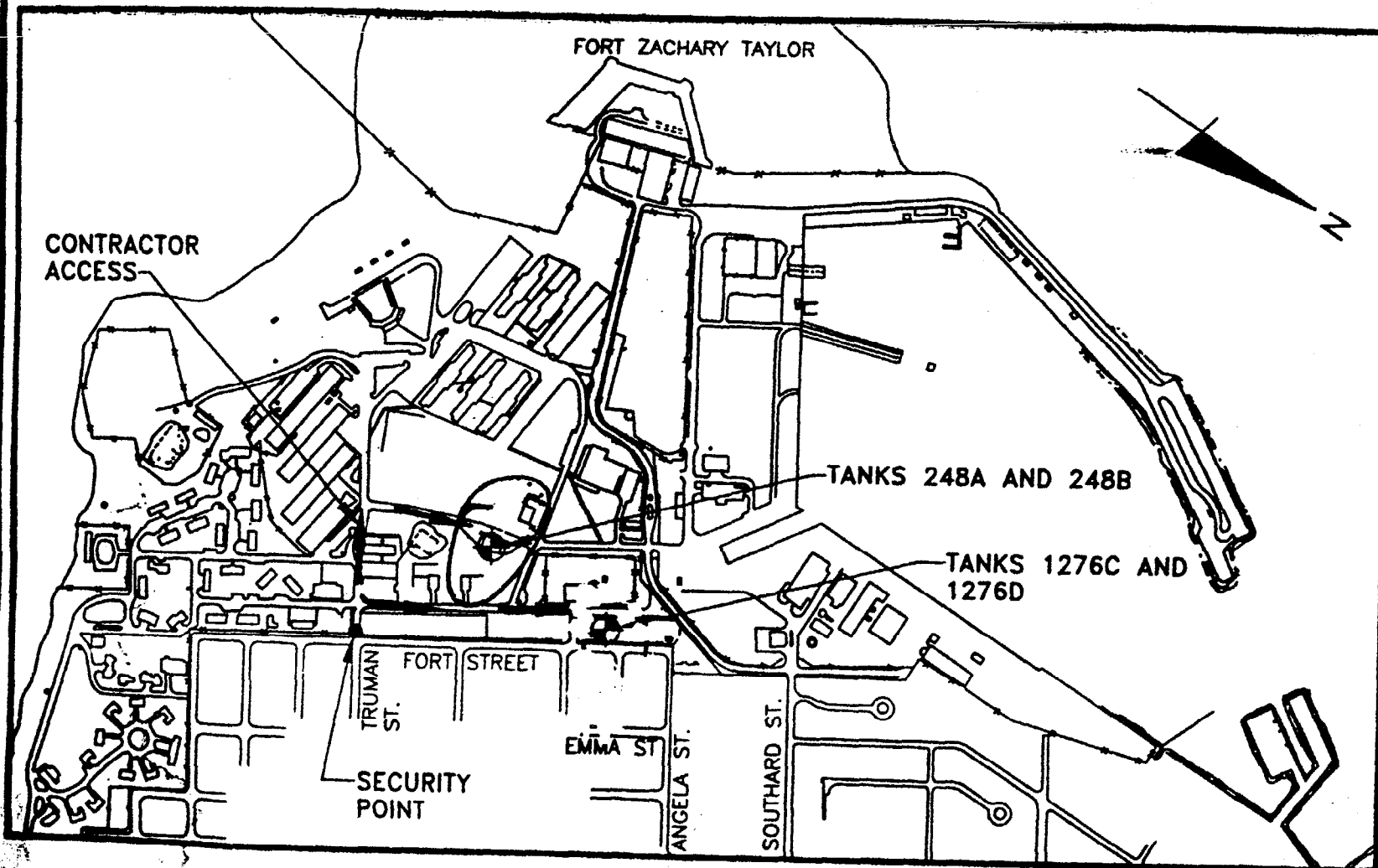
ASPHALT

TANKS 248A AND 248B AREA PLAN

SCALE: 1"=10'-0"

BOCA CHICA AREA PLAN

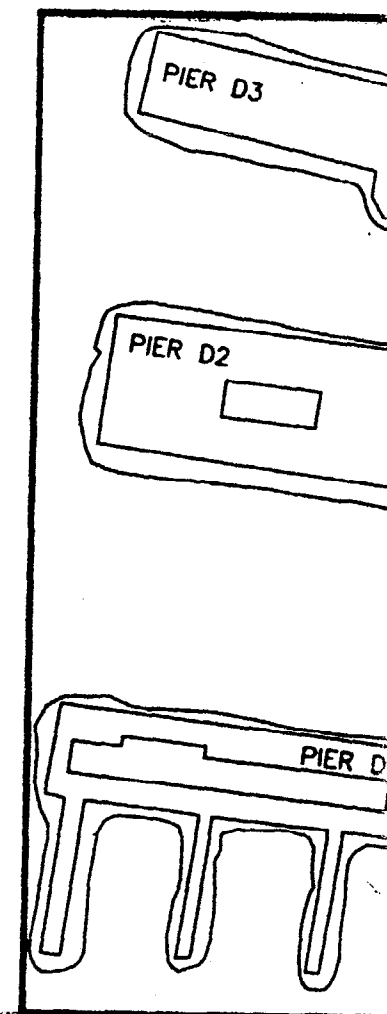
(TANKS A244, 322A, 322B, 322C, 322D, A526, AND A902B)



TRUMAN ANNEX AREA PLAN

(TANKS 248A, 248B, 1276C, AND 1276D)

SCALE: 1" = 500'-0"



TRUMBO POINT

(TANKS B14A, B14B)

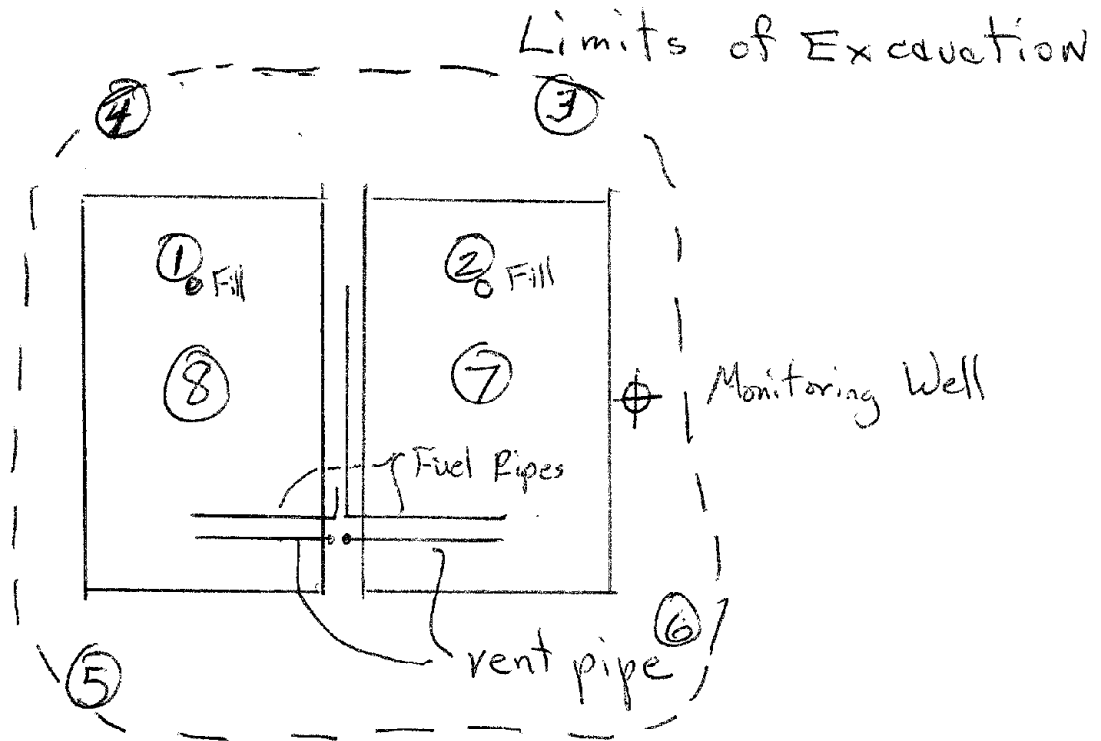
APPENDIX 2

OVA Field Data Sheet

Project Name Key West NAS				Contract Number N62467-93-C-0645		Comments Gasoline Tanks		
Site Name or Number 248 A&B			Date 11-Aug-95					
Calibration Information		Date 11-Aug-95	Time 10:00am					
Instrument Foxsboro 108				Calibration Gas Methane Standard		Sample Technician John Mount		
Actual Concentration 98			Measured Concentration 98			All Readings Measured in Parts per Million		
Sample Number	Sample Location	Sample Method	Sample Temperature	Date Sampled	Time Sampled	OVA Reading	Methane Reading	Corrected Reading
1	Fill Pipe	Grab	85` f.	11-Aug-95	10:30am	20.00	0.00	20.00
2	Fill Pipe	Grab	85` f.	11-Aug-95	10:30am	20.00	0.00	20.00
3	Northeast Wall	Grab	85` f.	11-Aug-95	8:00pm	300.00	0.00	300.00
4	Northwest Wall	Grab	85` f.	11-Aug-95	8:00pm	450.00	0.00	450.00
5	Southwest Wall	Grab	85` f.	11-Aug-95	8:00pm	20.00	0.00	20.00
6	Southeast Wall	Grab	85` f.	11-Aug-95	8:00pm	50.00	0.00	50.00
7	Stockpile	Grab	85` f.	11-Aug-95	8:00pm	25.00	0.00	25.00
8	East Bottom	Grab	85` f.	11-Aug-95	8:30pm	150.00	0.00	150.00
9	West Bottom	Grab	85` f.	11-Aug-95	8:30pm	100.00	0.00	100.00

North

Road



Sample #	Depth BGS
1	1 ft
2	1 ft
3	5 ft
4	5 ft
5	5 ft
6	5 ft
7	12 ft
8	12 ft

APPENDIX 3

Memorandum

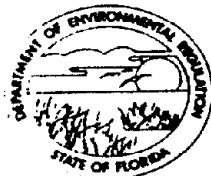
DATE:

FROM:

Benzene - 9, 2 248 A & B

TO:

SUBJ:



Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

DER Form #	17-711.800(5)
Form Title	Underground Storage Tank Installation & Removal Form for Certified Contractors
Effective Date	December 10, 1990
DER Application No.	(Filed in by DER)

Underground Storage Tank Installation and Removal Form For Certified Contractors

Pollutant Storage System Specialty Contractors as defined in Section 489.113, Florida Statutes (Certified contractors as defined in Section 17-761.200, Florida Administrative Code) shall use this form to certify that the installation, replacement or removal of the storage tank system(s) located at the address listed below was performed in accordance with Department Reference Standards.

General Facility Information

- DER Facility Identification No.: 449200364
- Facility Name: Truman Annex Service Station Telephone: (305) 293-2030
- Street Address (physical location): Building 248 Truman Annex
Naval Air Station, Key West, Florida 33040-5000
- Owner Name: Commanding Officer (Code 1883) Telephone: (305) 293-2030
- Owner Address: Naval Air Station, Key West, Florida 33040-5000
- Number of Tanks: a. Installed at this time b. Removed at this time 248A, 248B
- Tank(s) Manufactured by:
- Date Work Initiated: 9. Date Work Completed:

Underground Pollutant Tank Installation Checklist

Please certify the completion of the following installation requirements by placing an (X) in the appropriate box.

- The tanks and piping are corrosion resistant and approved for use by State and Federal Laws. ☐
- Excavation, backfill and compaction completed in accordance with NFPA (National Fire Protection Association) 30(87), API (American Petroleum Institute) 1615, PEI (Petroleum Equipment Institute) RP100-87 and the manufacturers' specifications. ☐
- Tanks and piping pretested and installed in accordance with NFPA 30(87), API 1615, PEI/RP100(87) and the manufacturers' specifications. ☐
- Steel tanks and piping are cathodically protected in accordance with NFPA 30(87), API 1632, UL (Underwriters Laboratory) 1746, STI (Steel Tank Institute) R892-89 and the manufacturer's specifications. ☐
- Tanks and piping tested for tightness after installation in accordance with NFPA 30(87) and PEI/RP100-87. ☐
- Monitoring well(s) or other leak detection devices installed and tested in accordance with Section 17-761.640, Florida Administrative Code (F.A.C.) ☐
- Spill and overfill protection devices installed in accordance with Section 17-761.500, F.A.C. ☐
- Secondary containment installed for tanks and piping as applicable in accordance with Section 17-761.500, F.A.C. ☐

Please Note: The numbers following the abbreviations (e.g. API 1615) are publication or specification numbers issued by these institutions.

Underground Pollutant Tank Removal Checklist

- Closure assessment performed in accordance with Section 17-761.800, F.A.C. ☒
- Underground tank removed and disposed of as specified in API 1604 in accordance with Section 17-761.800, F.A.C. ☒

Certification

I hereby certify and attest that I am familiar with the facility that is registered with the Florida Department of Environmental Regulation; that to the best of my knowledge and belief, the tank installation, replacement or removal at this facility was conducted in accordance with Chapter 489 and Section 376.303, Florida Statutes and Chapter 17-761, Florida Administrative Code (and its adopted reference sources from publications and standards of the National Fire Protection Association (NFPA), the American Petroleum Institute (API), the National Association of Corrosion Engineers (NACE), American Society for Testing and Materials (ASTM); Petroleum Equipment Institute (PEI); Steel Tank Institute (STI); Underwriters Laboratory (UL); and the tank and integral piping manufacturers' specifications; and that the operations on the checklist were performed accordingly.

EDS CONTRACTING, INC.

(Type or Print)

Certified Pollutant Tank Contractor Name

Pollutant Storage System Specialty Contractor License Number (PSSSC)

PC C056549

PSSSC Number

Alonso Agui

Certified Tank Contractor Signature

9-14-95

Date

John Mount

(Type or Print)

Field Supervisor Name

8-14-95

Date

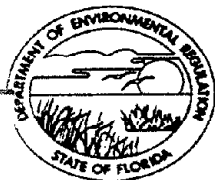
John Mount

Field Supervisor Signature

8-14-95

Date

The owner or operator of the facility must register the tanks with the Department at least 10 days before the installation. The installer must submit this form no more than 30 days after the completion of installation to the Department of Environmental Regulation at the address printed at the top of page one.



Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

DER Form #	17-761.900(5)
Form Title	Closure Assessment Form
Effective Date	December 10, 1990
DER Application No.	(Filed in by DER)

Closure Assessment Form

Owners of storage tank systems that are replacing, removing or closing in place storage tanks shall use this form to demonstrate that a storage system closure assesment was performed in accordance with Rule 17-761 or 17-762, Florida Administrative Code. Eligible Early Detection Incentive (EDI) and Reimbursement Program sites do not have to perform a closure assessment.

Please Print or Type
Complete All Applicable Blanks

- Date: 8-14-95
- DER Facility ID Number: 449200364
- County: Monroe
- Facility Name: Truman Annex Service Station
- Facility Owner: U.S. Navy
- Facility Address: Bldg. 248 - Truman Annex
- Mailing Address: Naval Air Station, Key West, FL 33040-5000
- Telephone Number: (305) 293-2030
- Facility Operator: Jim Simmen
- Are the Storage Tank(s): **(Circle one or both)** A. Aboveground or B. Underground
- Type of Product(s) Stored: _____
- Were the Tank(s): **(Circle one)** A. Replaced B. Removed C. Closed in Place D. Upgraded (aboveground tanks only)
- Number of Tanks Closed: Two 248 A-B
- Age of Tanks: 55 yrs

Facility Assessment Information

Yes No Not Applicable

<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

NA

1. Is the facility participating in the Florida Petroleum Liability Insurance and Restoration Program (FPLIRP)?

2. Was a Discharge Reporting Form submitted to the Department?

If yes, When: _____ Where: _____

<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

3. Is the depth to ground water less than 20 feet?

4. Are monitoring wells present around the storage system?

If yes, specify type: ☐ Water monitoring ☐ Vapor monitoring

<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

5. Is there free product present in the monitoring wells or within the excavation?

6. Were the petroleum hydrocarbon vapor levels in the soils greater than 500 parts per million for gasoline?

Specify sample type: ☐ Vapor Monitoring wells ☐ Soil sample(s)

<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
--------------------------	--------------------------	-------------------------------------

7. Were the petroleum hydrocarbon vapor levels in the soils greater than 50 parts per million for diesel/kerosene?

Specify sample type: ☐ Vapor Monitoring wells ☐ Soil sample(s)

<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-------------------------------------	--------------------------	--------------------------

8. Were the analytical laboratory results of the ground water sample(s) greater than the allowable state target levels? (See target levels on reverse side of this form and supply laboratory data sheets)

9. If a used oil storage system, did a visual inspection detect any discolored soil indicating a release?

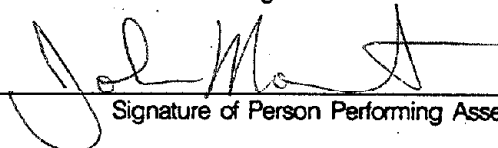
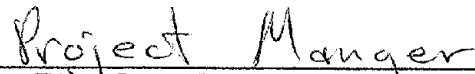
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

10. Are any potable wells located within 1/4 of a mile radius of the facility?

11. Is there a surface water body within 1/4 mile radius of the site? If yes, indicate distance: _____

DER Form #	17-761.900(8)
Form Title	Closure Assessment Form
Effective Date	December 10, 1990
DER Application No.	(Filed in by DER)

12. A detailed drawing or sketch of the facility that includes the storage system location, monitoring wells, buildings, storm drains, sample locations, and dispenser locations must accompany this form.
13. If a facility has a pollutant storage tank system that has both gasoline and kerosene/diesel stored on site, both EPA Method 602 and EPA Method 610 must be performed on the ground water samples obtained.
14. Amount of soils removed and receipt of proper disposal.
15. If yes is answered to any one of questions 5-9, a Discharge Reporting Form 17-761.900(1) indicating a suspected release shall be submitted to the Department within one working day.
16. A copy of this form and any attachments must be submitted to the Department's district office in your area and to the locally administered program office under contract with the Department within 60 days of completion of tank removal or filling a tank with an inert material.

_____ Signature of Owner 	_____ Date 9-14-95
_____ Signature of Person Performing Assessment 	_____ Date
_____ Title of Person Performing Assessment	

State Ground Water Target Levels That Affect A Pollutant Storage Tank System Closure Assessment

State ground water target levels are as follows:

1. For gasoline (EPA Method 602):

- | | |
|-----------------------------------|---------|
| a. Benzene | 1 ug/l |
| b. Total VOA | 50 ug/l |
| - Benzene | |
| - Toluene | |
| - Total Xylenes | |
| - Ethylbenzene | |
| c. Methyl Test-Butyl Ether (MTBE) | 50 ug/l |

2. For kerosene/diesel (EPA Method 610):

- | | |
|---|--|
| a. Polynuclear Aromatic Hydrocarbons (PAHS) | |
| | (Best achievable detection limit, 10 ug/l maximum) |



Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

780 P07

JUL 11 '95 08:20

DER Form 17-781.0002
Form Title: Storage Tank Registration Form
Effective Date: December 18, 1990
DER Application Fee: \$100.00
Fees: \$100.00

Storage Tank Registration Form

Please Print or Type - Review Instructions Before Completing Form

1. DER Facility ID Number: 449200364 2. Facility Type: F
3. New Registration ☐ New Owner Data ☐ Facility Revision ☐ Tank(s) Revision ☒
4. County and Code of tank(s) location: 1

5. Facility Name: Truman Annex Service Station
Tank(s) Address: Building 248
City/State/Zip: _____
Contact Person: Mark Ewing Telephone: (305) 293-3626
6. Financial Responsibility Type: _____

- 7a. Tank(s) Owner: Department of the Navy, South Div
Owner Mailing Address: Contracts Office NAS Building A-718
City/State/Zip: Key West, Florida 33040-9018
Contact Person: Mark Ewing Telephone: (305) 293-3626

- 7b. New Owner Signature/Change Date: _____

8. Location (optional) Latitude: _____ Longitude: _____ Section _____ Township _____ Range _____

Complete One Line For Each Tank At This Facility (Use Codes - See Instructions)

Complete 9 - 16 for tanks in use; 9 - 19 for tanks out of use

9	10	11	12	13	14	15	16	17	18	19
248A	5,000	B		U	C	Y	Y	F	280	
248B	5,000	B		U	C	Y	Y	F	140	

20. EDS Contracting, Inc. DPR# PC C056549
Certified Contractor* Department of Professional Regulation License Number*

*For new tank installation or tank removal

To the best of my knowledge and belief all information submitted on this form is true, accurate and complete.

Mark Ewing, Ass. Resident Engineer
Print name & title of owner or authorized person Signature Date

Northwest District
160 Government Center
Pensacola, Florida 32507-3734
904-434-6700

Northwest District
7215 Baymeadows Way, Suite B 200
Jacksonville, Florida 32207
904-744-4700

Central District
3318 Magnolia Blvd., Suite 232
Orlando, Florida 32803-3767
407-884-7555

Southwest District
4530 Oak Park Blvd.
Tampa, Florida 33610-7347
813-427-3661

South District
2249 Bay St
Fort Myers, Florida 33901-2808
813-337-6975

Southeast District
1900 S. Congress Ave., Suite A
West Palm Beach, Florida 33406
407-433-2850

JUL 11 '95 09:23

PAGE. 07

APPENDIX 4



OMEGA ENVIRONMENTAL SERVICES
4661 HAMMERMILL ROAD, SUITE B
TUCKER, GA 30084
ATTN: M. DOUG DRIVER

ANALYTICAL REPORT

Submission #: 9508000183 Client PO Number:
Date Received: 08/16/95 Project Number: 95012
Date Reported: 08/30/95 Project: KEY WEST NAS

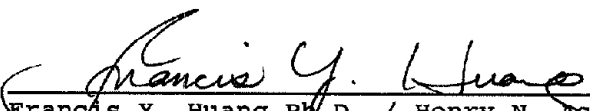
Page 24

Lab Sample Number: 122371
Date Sampled: 08/14/95
Client Sample Number: 248-A&B
Sample Description: GROUND WATER

Method	Component	Unit	Result	Analyst	Date Analyzed	Date Prepared
--------	-----------	------	--------	---------	---------------	---------------

CERTIFICATION: All analytical data reported above were obtained using the specified methods and were validated by our laboratory quality control system. This laboratory follows an approved quality assurance program.

Respectfully submitted:


Francis Y. Huang Ph.D. / Henry N. Ashby
Lab Director / President



OMEGA ENVIRONMENTAL SERVICES
4661 HAMMERMILL ROAD, SUITE B
TUCKER, GA 30084
ATTN: M. DOUG DRIVER

ANALYTICAL REPORT

Submission #: 9508000183

Client PO Number:

Date Received: 08/16/95

Project Number: 95012

Date Reported: 08/30/95

Project: KEY WEST NAS

Page 22

Lab Sample Number: 122371

Date Sampled: 08/14/95

Client Sample Number: 248-A&B

Sample Description: GROUND WATER

Method	Component	Unit	Result	Analyst	Date Analyzed	Date Prepared
239.1	LEAD	MG/L	<0.020	JB	08/18/95	
504.1	ETHYLENE DIBROMIDE	UG/L	<0.010	VRP	08/17/95	08/17/95
601	BROMODICHLOROMETHANE	UG/L	<0.50	RM	08/17/95	
601	BROMOFORM	UG/L	<0.50	RM	08/17/95	
601	BROMOMETHANE	UG/L	<0.50	RM	08/17/95	
601	CARBON TETRACHLORIDE	UG/L	<0.50	RM	08/17/95	
601	CHLOROBENZENE	UG/L	<0.50	RM	08/17/95	
601	CHLOROETHANE	UG/L	<0.50	RM	08/17/95	
601	CHLOROFORM	UG/L	<0.50	RM	08/17/95	
601	CHLOROMETHANE	UG/L	<0.50	RM	08/17/95	
601	2-CHLOROETHYL VINYL ETHER	UG/L	<1.5	RM	08/17/95	
601	DIBROMOCHLOROMETHANE	UG/L	<0.50	RM	08/17/95	
601	1,2-DICHLOROBENZENE	UG/L	<0.50	RM	08/17/95	
601	1,3-DICHLOROBENZENE	UG/L	<0.50	RM	08/17/95	
601	1,4-DICHLOROBENZENE	UG/L	<0.50	RM	08/17/95	
601	DICHLORODIFLUOROMETHANE	UG/L	<0.50	RM	08/17/95	
601	1,1-DICHLOROETHANE	UG/L	<0.50	RM	08/17/95	
601	1,2-DICHLOROETHANE	UG/L	<0.50	RM	08/17/95	
601	1,1-DICHLOROETHENE	UG/L	<0.50	RM	08/17/95	
601	trans-1,2-DICHLOROETHENE	UG/L	<0.50	RM	08/17/95	
601	1,2-DICHLOROPROPANE	UG/L	<0.50	RM	08/17/95	
601	cis-1,3-DICHLOROPROPENE	UG/L	<0.50	RM	08/17/95	
601	trans-1,3-DICHLOROPROPENE	UG/L	<0.50	RM	08/17/95	
601	METHYLENE CHLORIDE	UG/L	<0.50	RM	08/17/95	
601	1,1,2,2-TETRACHLOROETHANE	UG/L	<0.50	RM	08/17/95	



OMEGA ENVIRONMENTAL SERVICES
4661 HAMMERMILL ROAD, SUITE B
TUCKER, GA 30084
ATTN: M. DOUG DRIVER

ANALYTICAL REPORT

Submission #: 9508000183
Date Received: 08/16/95
Date Reported: 08/30/95

Client PO Number:
Project Number: 95012
Project: KEY WEST NAS

Page 23

Lab Sample Number: 122371
Date Sampled: 08/14/95
Client Sample Number: 248-A&B
Sample Description: GROUND WATER

Method	Component	Unit	Result	Analyst	Date Analyzed	Date Prepared
601	TETRACHLOROETHENE	UG/L	<0.50	RM	08/17/95	
601	1,1,1-TRICHLOROETHANE	UG/L	<0.50	RM	08/17/95	
601	1,1,2-TRICHLOROETHANE	UG/L	<0.50	RM	08/17/95	
601	TRICHLOROETHENE	UG/L	<0.50	RM	08/17/95	
601	TRICHLOROFLUOROMETHANE	UG/L	<0.50	RM	08/17/95	
601	VINYL CHLORIDE	UG/L	<0.50	RM	08/17/95	
602	BENZENE	UG/L	9.2	RM	08/17/95	
602	CHLOROBENZENE	UG/L	<0.50	RM	08/17/95	
602	1,2-DICHLOROBENZENE	UG/L	<0.50	RM	08/17/95	
602	1,3-DICHLOROBENZENE	UG/L	<0.50	RM	08/17/95	
602	1,4-DICHLOROBENZENE	UG/L	<0.50	RM	08/17/95	
602	ETHYLBENZENE	UG/L	<0.50	RM	08/17/95	
602	METHYL tert-BUTYL ETHER	UG/L	<0.50	RM	08/17/95	
602	TOLUENE	UG/L	1.5	RM	08/17/95	
602	o-XYLENE	UG/L	1.1	RM	08/17/95	
602	m-XYLENE	UG/L	1.1	RM	08/17/95	
602	p-XYLENE	UG/L	1.1	RM	08/17/95	

APPENDIX 5

Certificate of Disposal

Omega Environmental Services Inc. certifies that the following listed items have been disposed of in the described manner and all supporting data is accurate and complete. The listed items were disposed of as specified in API 1604 in accordance with Section 17-761.800 F.A.C.

Item Description

Tank 248 A
5000 Gallon Steel Tank Building 248.
Key West, NAS, Florida

Disposal Method

Tank was Cleaned and disassembled for Disposal at
Atlas Iron Processors Inc.
Miami, Florida

Disposal Date

September 15, 1995

Contract Information

Remove Underground Storage Tanks
Key West, NAS, Florida
Contract No. N62467-93-C-0645
Department of The Navy

We Certify that the above information is accurate and complete.


Omega Environmental Services Representatives

Keith Jackson



President

John Mount



Project Supervisor

Certificate of Disposal

Omega Environmental Services Inc. certifies that the following listed items have been disposed of in the described manner and all supporting data is accurate and complete. The listed items were disposed of as specified in API 1604 in accordance with Section 17-761.800 F.A.C.

Item Description

Tank 248 B
5000 Gallon Steel Tank Building 248.
Key West, NAS, Florida

Disposal Method

Tank was Cleaned and disassembled for Disposal at
Atlas Iron Processors Inc.
Miami, Florida

Disposal Date

September 15, 1995

Contract Information

Remove Underground Storage Tanks
Key West, NAS, Florida
Contract No. N62467-93-C-0645
Department of The Navy

We Certify that the above information is accurate and complete.

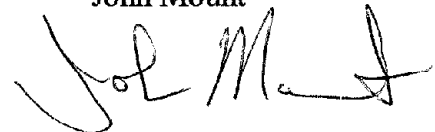
Omega Environmental Services Representatives

Keith Jackson



President

John Mount



Project Supervisor

ATLAS IRON PROCESSORS INC.

Weight Station
5700 NORTH RIVER DRIVE
MIAMI FL 33142

WEIGHMASTER CERTIFICATE

Time
In... 07:11AM
Out... 07:38AM

PO : # 9999
Broker :
Mill :

Weight
164,760 Gross
32,140 Tare
32,620 Net

Ticket

Carrier : 0500 KEY WEST INTERSTATE

Peddler : 100500 KEY WEST INTERSTATE
BLUE WEST

Commodity : SHRED

Price

Total

Date : 08/21/95

Gro: By SCALE Deputy

Tare By SCALE Deputy

VEHICLE OWNER ASSUMES RESPONSIBILITY FOR ANY DAMAGE TO VEHICLE BY CRANE.
I hereby attest that this material contains no CFC'S, PCB'S or any hazardous materials.

SIGNED X

Frederic Gargala

THIS IS TO CERTIFY that the above described commodity was weighed, measured, or counted by a weighmaster who is a recognized authority of accuracy, as prescribed by the applicable Business and Professions Code of this state, and administered by the authorized state department responsible for Measurement Standards of this state. I hereby attest that the Title(s) to any motor vehicle(s) included in the description of commodities on the Weighmaster's Certificate has been surrendered to the Clerk of the Court of Common Pleas.

WEIGHMASTER

(305) 477-7497

EMC Oil Corporation
P.O. Box 520882 - Miami, FL 33152

(800) 344-8688

UNIFORM WASTE TRANSPORTERS MANIFEST
NO HAZARDOUS MIXTURES ACCEPTED - READ BOTTOM OF MANIFEST

1. Generator's Name and Mailing Address OMEGA ENVIROMENTAL 4661 HAMMERMILL RD SUITE B.TUCKER, GA. 30084		A. Manifest Document # No 029734				
2. Generator's Phone (305) 296-5700 County of Origin (MONROE)		B. Generator's ID #s EPA _____ STATE _____				
3. Transporter 1 Company Name EMC Oil Corporation 8470 N.W. 68th Street, Miami, FL 33166		4. US EPA ID Number FLR000000166				
5. Designated Facility Name and Site Address		6. State Transporter's ID 50230 UO D. Transporter's Phone (305) 477-7497				
		E. Dade County ID SW-01124 LW-00227 LW-00233				
		F. Facility's Phone (305) 477-7497				
GENERATOR	7. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		8. Containers	9. Total Quantity	10. Unit Wt. Vol	G. CHARGES
			No.	Type		
	a. Oil NOS - Combustible Liquid NA 1270					
	b. Used Oil Filters					
	c. Oily Water / Sludge					
d. 10-55 G. NON REGULATED TANK BOTTOM SLUDGE FOR DISPOSAL Other: Specify	13	DM		ea		
H. Additional Descriptions for Materials Listed Above P7U U.S. NAVY TRUMBO POINT.K.W. FL. PO#		IMPORTANT: Payment due upon receipt of invoice. A service charge of 1 1/2% (18% per annum) will be charged on over 30 days past due balance. In the event it shall become necessary to collect the herein above sums or any part thereof, the purchaser agrees to pay all the replaceable cost thereof.		I. Total Due. Please pay on this in. within 15 days. Thank you		
11. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. I also confirm that the contents of this consignment contains no hazardous materials.						
Printed Typed Name X Michael Warren		Signature X Michael Warren		Month Day Year 8/31/95		
TRANSPORT	12. Transporter 1 Acknowledgment of Receipt of Materials					
	Printed Typed Name Jesus Rodriguez		Signature Jesus Rodriguez		Month Day Year 8/31/95	
FACILITY	13. Facility Owner or Operator: Certification of receipt of waste material covered by this manifest.					
	Printed Typed Name		Signature		Month Day Year	

Broward County #'s 532 ☐ 533 ☐ 534 ☐ 535 ☐ 536 ☐ 537 ☐

Dear Generator: The following chemicals contain hazardous substances which when mixed with used oil reduces the recycling potential and can cause harmful effects to the environment.

DO NOT MIX WITH USED OIL

Antifreeze - Freon - Solvents - Thinner - Degreasers - Detergents - Cleaners - Radiator Fluid - Leaded Gasoline - Cutting Oil

CAN MIX WITH USED OIL

Motor Oils - Diesel Fuel - Grease - Brake Fluids - Hydraulic Fluids - Transmission Fluids

These lists are based on current information and may be expanded as more data becomes available. THANK YOU.

WHITE - Generator GREEN - Generator YELLOW - Transporter PINK - Transporter GOLDENROD - Transfer Station

Omega Environmental Services
Manifest Shipping Log
Tank 248 A&B

Date	Shipper	Tank #	Manifest #	Quantity	Units
31-Aug-95	EMC	248 A&B	29734	220	Gallons

Totals

220

Gallons

APPENDIX 6

NASKWINST 11010.3
4 FEBRUARY 1991

NAS KEY WEST UNDERGROUND EXCAVATION PERMIT

PART I (Complete by requestor)

From: ROICC OFFICE Date: July 10, 1995
To: Public Works Officer, NAS. Key West Applicant's Request No. 5

It is requested that a permit be issued for performing the work required by:

1. CONTRACT # 93-0645 Remove UNDER GROUND TANKS OMEGA ENV.
(Reference contract, drawing, specifications, service call, etc. (include prime contractor or A/E identification.)

2. EXCAVATION 3. _____
(Type: drill, dredge, trench, etc.) (Charge to job order, etc.)

4. Physical limits: OLD P/W SERVICE STATION T/A
SEE DRAWING ATTACHED

5. Remarks: TWO TANKS AT T/A EXIST. SERVICE STA.
(Includes results of any investigation not performed by PWD.)

[Signature]
Signature & Title

PART II (Completed by PWD) (Strike out non-applicable portions.)

From: P.W. ENGINEERING INC To: ROICC Date: 2/19/95

The work delineated above may be undertaken pursuant to the following stipulations:

a. No contractual or other obligations are changed by this permit. Responsibility for damages are not changed by this permit.

b. PWD has examined the work by:
Visual inspection in the field ✓ Field survey _____
Examination of existing plans ✓ Other _____
Investigation with magnetic pipe locator, etc. ✓

Unknown subsurface conditions may exist which cannot be located by any of these standard procedures.

c. Southern Bell Telephone Company must be contacted by requestor prior to digging.

d. The PWD survey indicates that your planned procedure will probably not conflict with existing facilities. You are, therefore, granted permission to perform the work.

e. The PWD investigation indicates: OK TO EXCAVATE AS INDICATED

PERMIT NO. 257

[Signature]
Signature & Title
Engineering Division

FIRE WELL

EDGE OF ASPHALT

ASPHALT



O/H WIRES

EXIST. TANK 248A,
TO BE REMOVED



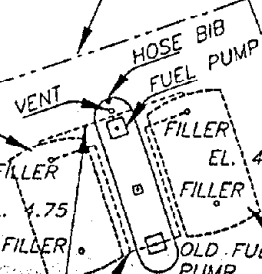
C-6

C-6

POLE

O/H WIRES

LIMITS OF EXCAVATION



MONITORING WELL,
TO BE PROTECTED

EXIST. TANK 248B
TO BE REMOVED

REMOVE FUEL PIPING
COMPLETELY

CONCRETE

R
O
A
D

COR. SIDEWALK EL. 5.21

CONCRETE

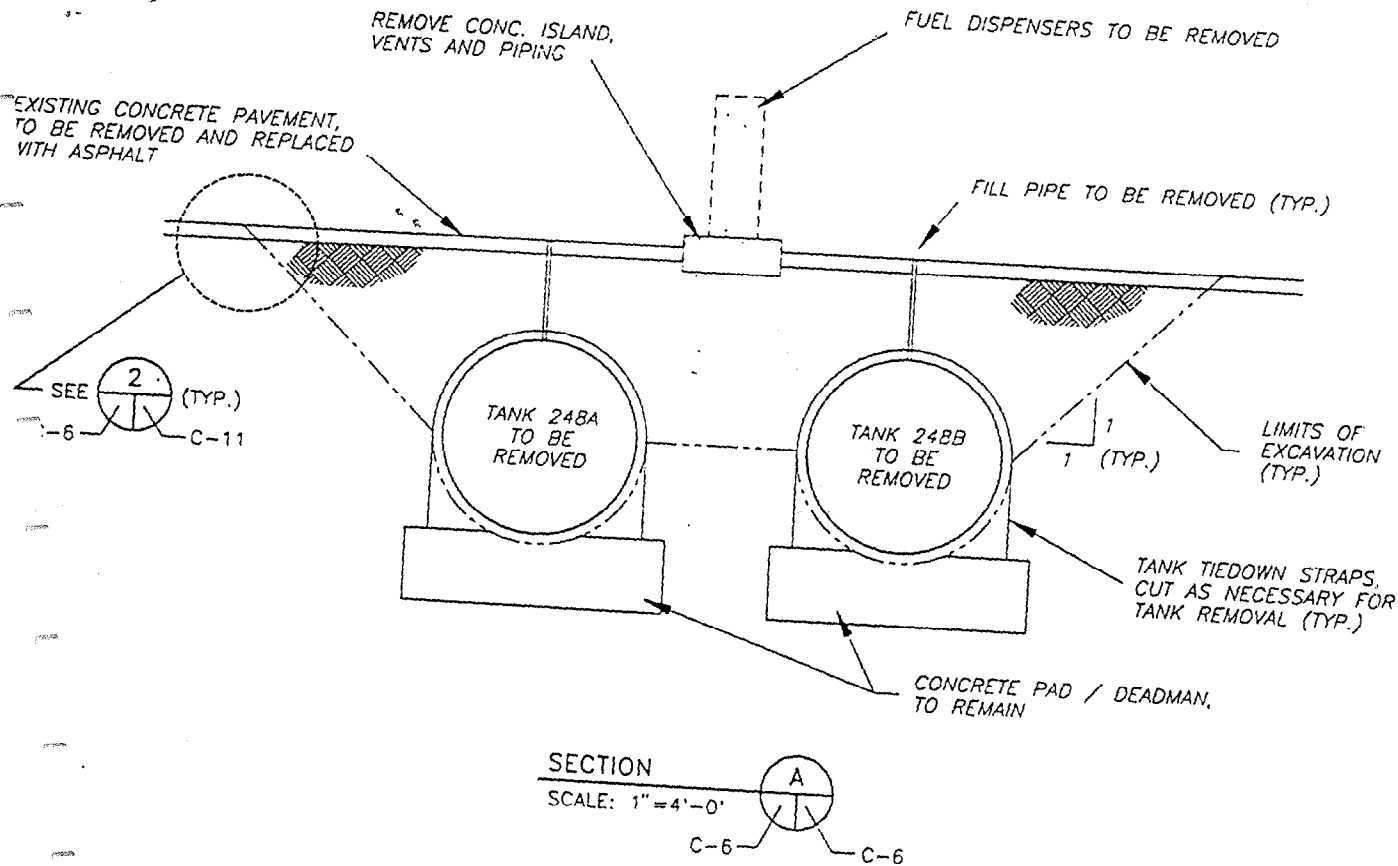
8" CONC. CURB

SIDEWALK

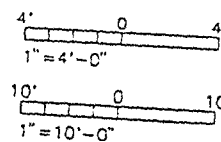
ASPHALT

TANKS 248A AND 248B AREA PLAN

SCALE: 1" = 10'-0"



GRAPHIC SCALE



REDUCED DRAWING

VERIFY SCALE

GREINER, INC. TAMPA, FLORIDA COOK EVANS OR ZICHIN OR CARBERRY SAM EVANS OR LINDA WALKER SUPERVISOR K. Wall	
PREP BY DATE APPROV	REV. DESCRIPTION
SOUTHERN DIVISION CHICKEN, S.C. KEY WEST, FLORIDA REMOVE UNDERGROUND STORAGE TANKS TANKS 248A AND 248B APPROVED: Ed. Schaeffer, Jr. DATE: 6/12/94	
SEAL AREA 	
RECORD DRAWING DATE COOK I.D. NO. 00081 DRAWING SIZE 8 SPEC. NO. 06-93-0645 CONSTR. COUNTY NO. N62467-93-C-0645 NAUPAC DRAWING NO. 5264653 SHEET 6 OF 12 C-6	

APPENDIX 7



LOCATION BEFORE REMOVAL



TANKS BEING REMOVED FROM
EXCAVATION

02030B1V



TANKS BEING REMOVED FROM
EXCAVATION



EXCAVATION WITH TANKS REMOVED



TANKS IN LAYDOWN AREA
TO BE DISMANTLED



Laboratories, Inc.

FORT LAUDERDALE • SAVANNAH

EPA METHOD 602

CLIENT: FL. METRO CONST.
SAMPLE NUMBER: 011-101993
LOCATION: TRUMAN ANNEX/248-C
ADDITIONAL DATA: NAS KEY WEST
SAMPLED BY: CLIENT
SUBMITTED BY: DWIGHT SLUSHER, SPECTRUM
DATE SAMPLED: 10/15/93 1435
DATE REPORTED: OCT. 21 1993
DILUTION FACTOR: 1.00000
REVISION: 0

FL DRINKING WATER: #86144
FL ENVIRONMENTAL: #E86006
GEORGIA: #828,829
SOUTH CAROLINA: #96015
EPA: #FL095
FDER COAP: #870206G
DATE RECEIVED: 10/19/93
SAMPLE MATRIX: WATER
DATA FILE: ^CA212::A2
DATE ANALYZED: 931020 00:42

CAS No.	PARAMETER	CONCENTRATION (ug/l)	MDL (ug/l)
71-43-2	BENZENE	254.2 ug/l	.5000
108-90-7	CHLOROBENZENE	0.00 ug/l	.5000
95-50-1	1,2-DICHLOROBENZENE	0.00 ug/l	.5000
541-73-1	1,3-DICHLOROBENZENE	0.00 ug/l	.5000
106-46-7	1,4-DICHLOROBENZENE	0.00 ug/l	.5000
100-41-4	ETHYLBENZENE	2.58 ug/l	.5000
108-88-3	TOLUENE	1.52 ug/l	.5000
1634-04-4	MTBE	573.6 ug/l	.5000
1330-20-7	XYLENES (TOTAL)	4.73 ug/l	.5000

A VALUE OF 0.0 = BMDL (BELOW METHOD DETECTION LIMIT)


LYLE A. JOHNSON
LAB MANAGER



Laboratories, Inc.

FORT LAUDERDALE • SAVANNAH

EPA METHOD 610

CLIENT: FL. METRO CONST.
SAMPLE NUMBER: 011-101993
LOCATION: TRUMAN ANNEX/248-C
ADDITIONAL DATA: NAS KEY WEST
SAMPLED BY: CLIENT
SUBMITTED BY: DWIGHT SLUSHER, SPECTRUM
DATE SAMPLED: 10/15/93 1435
DATE REPORTED: OCT. 21 1993
DILUTION FACTOR: 1.00000
REVISION: 0

FL DRINKING WATER: #86144
FL ENVIRONMENTAL: #E86006
GEORGIA: #828,829
SOUTH CAROLINA: #96015
EPA: #FL095
FDER COAP: #870206G
DATE RECEIVED: 10/19/93
SAMPLE MATRIX: WATER
DATA FILE: ^BA95A::A2
DATE ANALYZED: 931021 10:2

CAS No.	PARAMETER	CONCENTRATION (ug/l)	MDL (ug/l)
83-32-9	ACENAPHTHENE	1.14 ug/l	0.50
208-96-8	ACENAPHTHYLENE	0.00 ug/l	0.50
120-12-7	ANTHRACENE	0.00 ug/l	1.00
56-55-3	BENZ(a)ANTHRACENE	0.00 ug/l	1.00
50-32-8	BENZO(a)PYRENE	0.00 ug/l	2.00
205-99-2	BENZO(b)FLUORANTHENE	0.00 ug/l	1.25
191-24-2	BENZO(g,h,i)PERYLENE	0.00 ug/l	2.50
207-08-9	BENZO(k)FLUORANTHENE	0.00 ug/l	1.25
218-01-9	CHRYSENE	0.00 ug/l	2.50
53-70-3	DIBENZO(a,h)ANTHRACENE	0.00 ug/l	1.00
206-44-0	FLUORANTHENE	0.00 ug/l	1.00
86-73-7	FLUORENE	0.00 ug/l	0.50
193-39-5	INDENO(1,2,3-cd) PYRENE	0.00 ug/l	0.50
91-20-3	NAPHTHALENE	5.60 ug/l	0.50
85-01-8	PHENANTHRENE	0.00 ug/l	1.00
129-00-0	PYRENE	0.00 ug/l	1.00
90-12-0	1-METHYL NAPHTHALENE	3.67 ug/l	0.50
91-57-6	2-METHYL NAPHTHALENE	2.36 ug/l	0.50

* ACTUAL DETECTION LIMIT - METHOD DETECTION LIMIT X DILUTION FACTOR
A VALUE OF 0.0 = BMDL (BELOW METHOD DETECTION LIMIT)

LYLE A. JOHNSON
LAB MANAGER



NATIONAL ENVIRONMENTAL LABORATORIES, INC.

611 NORTHEAST 13th STREET • FORT LAUDERDALE, FLORIDA 33304

PH. (305) 522-5209 • 1-800-466-NELI (6354) • FAX: (305) 522-1047

Client-Sample Code: FMC-0037
Client Name: FLORIDA METRO CONSTRUCTION
Address: 140 S W First Avenue
Dania, Fl 33004

DER No.: 900449G
Lab ID No: F1501
HRS No: 86399

Date: February 24, 1993
Date Sampled: 02-05-93
Date Received: 02-10-93
Collected By: Client
Analysis By: Dr. Shiraz Dhanji

REPORT OF ANALYSIS:

Truman Annex 248C
NAS Key West

TCLP TOTALS _x_ 602 VOLATILE AROMATICS

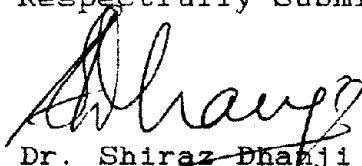
Analysis Date: 02-17-93

Parameter	Result	Detection Limit
Benzene	B. D. L.	.01 ppm
Chlorobenzene	1.19 ppm	.01 ppm
1,2-Dichlorobenzene	B. D. L.	.01 ppm
1,3-Dichlorobenzene	.19 ppm	.01 ppm
1,4-Dichlorobenzene	.23 ppm	.01 ppm
Ethylbenzene	B. D. L.	.01 ppm
Toluene	3.47 ppm	.01 ppm
Xylenes	B. D. L.	.01 ppm
Styrene	B. D. L.	.01 ppm
MTBE	B. D. L.	.01 ppm

1 mg/L = 1 ppm
1 ug/L = 1 ppb
1000 ppb = 1 ppm

All analysis were performed in accordance with 40 CFR 136 or using EPA, ASTM, USTM, USGS, or Standard Methods.

Respectfully Submitted,

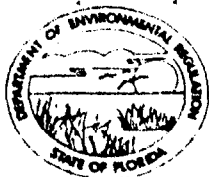

Dr. Shiraz Dhanji
Laboratory Director

SD/pb

PHONE: (305) 522-5209 1-800-466-NELI (6354) FAX: (305) 522-1047

CHAIN OF CUSTODY

Person Responsible for Sample	Transfer Number	Item Number	Transfers Relinquished by:	Accepted by:	Date	Time
L.P. MOCCIA,	1		X [Signature]	[Signature]		
Remarks:	2					
	3					
	4					



Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

DER Form #	17-781.900(2)
Form Title	Storage Tank Registration Form
Effective Date	December 10, 1990
DER Application No.	(Filed in by DER)

Storage Tank Registration Form

Please Print or Type - Review Instructions Before Completing Form

1. DER Facility ID Number: 449 200 364 2. Facility Type: F
3. New Registration ☐ New Owner Data ☐ Facility Revision ☐ Tank(s) Revision ☒
4. County and Code of tank(s) location: MONROE / 44

5. Facility Name: U.S. NAVY TRUMAN-ANNEX
- Tank(s) Address: TRUMAN ANNEX - BLDG 1276
- City/State/Zip: KEY WEST, FLORIDA 33040
- Contact Person: DIANE LANCASTER Telephone: (305) 293-2911
6. Financial Responsibility Type: _____

- 7a. Tank(s) Owner: _____
- Owner Mailing Address: _____
- City/State/Zip: _____
- Contact Person: DIANE LANCASTER Telephone: (305) 293-2911

- 7b. New Owner Signature/Change Date: _____ / _____ / _____

8. Location (optional) Latitude: _____° _____' _____" Longitude: _____° _____' _____" Section _____ Township _____ Range _____

Complete One Line For Each Tank At This Facility (Use Codes - See Instructions)

Complete 9 - 16 for tanks in use; 9 - 19 for tanks out of use

9	10	11	12	13	14	15	16	17	18	19
248C	6,000	A	xx/40	U	C	B	Y	B	-0-	3/8/93
1276A	10,000	A	xx/61	U	C	B	Y	B	-0-	3/8/93
1276B	10,000	A	xx/61	U	C	B	Y	B	-0-	3/8/93

20. FLORIDA METRO CONSTRUCTION CO INC DPR# PC C048374
- Certified Contractor* Department of Professional Regulation License Number*

*For new tank installation or tank removal

To the best of my knowledge and belief all information submitted on this form is true, accurate and complete.

FMCC

L.P. MOCCIA

Print name & title of owner or authorized person

Signature

Date

Northwest District
160 Governmental Center
Pensacola, Florida 32501-5794
904-436-6300

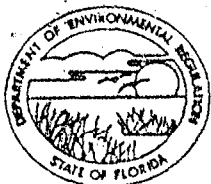
Northeast District
7825 Baymeadows-Way, Suite B 200
Jacksonville, Florida 32207
904-796-4200

Central District
3319 Maguire Blvd, Suite 232
Orlando, Florida 32803-3787
407-894-7555

Southwest District
4520 Oak Fair Blvd.
Tampa, Florida 33610-7347
813-623-5561

South District
2269 Bay St.
Fort Myers, Florida 33901-2896
813-332-6975

Southeast District
1500 S. Congress Ave., Suite A
West Palm Beach, Florida 33406
407-433-2650



Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

DER Form #	17-761.900(5)
Form Title	Underground Storage Tank Installation & Removal Form for Certified Contractors
Effective Date	December 10, 1990
DER Application No.	(Filed in by DER)

Underground Storage Tank Installation and Removal Form For Certified Contractors

Pollutant Storage System Specialty Contractors as defined in Section 489.113, Florida Statutes (Certified contractors as defined in Section 17-761.200, Florida Administrative Code) shall use this form to certify that the installation, replacement or removal of the storage tank system(s) located at the address listed below was performed in accordance with Department Reference Standards.

General Facility Information

- DER Facility Identification No.: 449 200364
- Facility Name: U.S. NAVY - DIANE LANCASTER Telephone: (305) 293-2911
- Street Address (physical location): TRUMAN ANNEX BLDG 1276
KEY WEST, FLORIDA 33040
- Owner Name: - SAME - Telephone: ()
- Owner Address: _____
- Number of Tanks: a. Installed at this time - 0 - b. Removed at this time 3
- Tank(s) Manufactured by: VANKINDEN
- Date Work Initiated: 2-3-93 9. Date Work Completed: 3-17-93

Underground Pollutant Tank Installation Checklist

Please certify the completion of the following installation requirements by placing an (X) in the appropriate box.

- The tanks and piping are corrosion resistant and approved for use by State and Federal Laws. NA ☐
- Excavation, backfill and compaction completed in accordance with NFPA (National Fire Protection Association) 30(87), API (American Petroleum Institute) 1615, PEI (Petroleum Equipment Institute) RP100-87 and the manufacturers' specifications. ☐
- Tanks and piping pretested and installed in accordance with NFPA 30(87), API 1615, PEI/RP100(87) and the manufacturers' specifications. ☐
- Steel tanks and piping are cathodically protected in accordance with NFPA 30(87), API 1632, UL (Underwriters Laboratory) 1746, STI (Steel Tank Institute) R892-89 and the manufacturer's specifications. ☐
- Tanks and piping tested for tightness after installation in accordance with NFPA 30(87) and PEI/RP100-87. ☐
- Monitoring well(s) or other leak detection devices installed and tested in accordance with Section 17-761.640, Florida Administrative Code (F.A.C.) ☐
- Spill and overfill protection devices installed in accordance with Section 17-761.500, F.A.C. ☐
- Secondary containment installed for tanks and piping as applicable in accordance with Section 17-761.500, F.A.C. NA ☐

Please Note: The numbers following the abbreviations (e.g. API 1615) are publication or specification numbers issued by these institutions.

Underground Pollutant Tank Removal Checklist

- Closure assessment performed in accordance with Section 17-761.800, F.A.C. ☒
- Underground tank removed and disposed of as specified in API 1604 in accordance with Section 17-761.800, F.A.C. ☒

DER Form #	17-761.900(6)
Form Title	Underground Storage Tank Installation & Removal Form for Certified Contractors
Effective Date	December 10, 1990
DER Application No.	(Filed in by DER)

Certification

I hereby certify and attest that I am familiar with the facility that is registered with the Florida Department of Environmental Regulation; that to the best of my knowledge and belief, the tank installation, replacement or removal at this facility was conducted in accordance with Chapter 489 and Section 376.303, Florida Statutes and Chapter 17-761, Florida Administrative Code (and its adopted reference sources from publications and standards of the National Fire Protection Association (NFPA), the American Petroleum Institute (API), the National Association of Corrosion Engineers (NACE), American Society for Testing and Materials (ASTM); Petroleum Equipment Institute (PEI); Steel Tank Institute (STI); Underwriters Laboratory (UL); and the tank and integral piping manufacturers' specifications; and that the operations on the checklist were performed accordingly.

FLORIDA METHOD CONSTRUCTION CO INC / L.R. MOCCIA
(Type or Print)

Certified Pollutant Tank Contractor Name
Pollutant Storage System Specialty Contractor License Number (PSSSC)

PC C048374
PSSSC Number

L.R. Moccia

Certified Tank Contractor Signature

March 17, 1993
Date

W.T. MOCCIA

(Type or Print)
Field Supervisor Name

3-17-1993
Date

W.T. Moccia

Field Supervisor Signature

3-17-1993
Date

The owner or operator of the facility must register the tanks with the Department at least 10 days before the installation. The installer must submit this form no more than 30 days after the completion of installation to the Department of Environmental Regulation at the address printed at the top of page one.



Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

DER Form #	17-791/0000
Form Title	Closure Assessment Form
Effective Date	December 10, 1990
DER Application No.	(Filed in by DER)

Closure Assessment Form

Owners of storage tank systems that are replacing, removing or closing in place storage tanks shall use this form to demonstrate that a storage system closure assesment was performed in accordance with Rule 17-761 or 17-762, Florida Administrative Code. Eligible Early Detection Incentive (EDI) and Reimbursement Program sites do not have to perform a closure assesment.

Please Print or Type
Complete All Applicable Blanks

- Date: MARCH 17, 1993
- DER Facility ID Number: 449 200 364
- County: MONROE
- Facility Name: US NAVY
- Facility Owner: US NAVY
- Facility Address: TRUMAN ANNEX Bldg 1276
- Mailing Address: KEY WEST FLORIDA 33040
- Telephone Number: (305) 293-2911
- Facility Operator: DIANE LANCASTER
- Are the Storage Tank(s): (Circle one or both) A. Aboveground ☒ B. Underground
- Type of Product(s) Stored: LEADED GASOLINE
- Were the Tank(s): (Circle one) A. Replaced ☒ B. Removed C. Closed in Place D. Upgraded (aboveground tanks only)
- Number of Tanks Closed: 3
- Age of Tanks: 1-50yrs 2-30yr

Facility Assessment Information

Yes No Not Applicable

- | | | |
|-------------------------------------|-------------------------------------|-------------------------------------|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
- Is the facility participating in the Florida Petroleum Liability Insurance and Restoration Program (FPLIRP)?
 - Was a Discharge Reporting Form submitted to the Department?
If yes, When: _____ Where: _____
 - Is the depth to ground water less than 20 feet?
 - Are monitoring wells present around the storage system?
If yes, specify type: ☐ Water monitoring ☐ Vapor monitoring
 - Is there free product present in the monitoring wells or within the excavation?
 - Were the petroleum hydrocarbon vapor levels in the soils greater than 500 parts per million for gasoline?
Specify sample type: ☐ Vapor Monitoring wells ☐ Soil sample(s)
 - Were the petroleum hydrocarbon vapor levels in the soils greater than 50 parts per million for diesel/kerosene?
Specify sample type: ☐ Vapor Monitoring wells ☐ Soil sample(s)
 - Were the analytical laboratory results of the ground water sample(s) greater than the allowable state target levels?
(See target levels on reverse side of this form and supply laboratory data sheets)
 - If a used oil storage system, did a visual inspection detect any discolored soil indicating a release?
 - Are any potable wells located within 1/4 of a mile radius of the facility?
 - Is there a surface water body within 1/4 mile radius of the site? If yes, indicate distance: 300 yds

DEP Form 8	17-761.900(1)
Form Title	Closure Assessment Form
Release Date	December 18, 1999
DEP Approval No.	Filed in by DEP

12. A detailed drawing or sketch of the facility that includes the storage system location, monitoring wells, buildings, storm drains, sample locations, and dispenser locations must accompany this form.
13. If a facility has a pollutant storage tank system that has both gasoline and kerosene/diesel stored on site, both EPA Method 602 and EPA Method 610 must be performed on the ground water samples obtained.
14. Amount of soils removed and receipt of proper disposal.
15. If yes is answered to any one of questions 5-9, a Discharge Reporting Form 17-761.900(1) indicating a suspected release shall be submitted to the Department within one working day.
16. A copy of this form and any attachments must be submitted to the Department's district office in your area and to the locally administered program office under contract with the Department within 60 days of completion of tank removal or filling a tank with an inert material.

Signature of Owner

Date

L. P. Moccia J. P. Moccia
Signature of Person Performing Assessment

March 15, 1993
Date

Pres. Fla. Milk Cart Co CPSC Cart
Title of Person Performing Assessment

State Ground Water Target Levels That Affect A Pollutant Storage Tank System Closure Assessment

State ground water target levels are as follows:

- | | |
|--|--|
| <ol style="list-style-type: none"> 1. For gasoline (EPA Method 602): <ul style="list-style-type: none"> a. Benzene 1 ug/l b. Total VOA 50 ug/l <ul style="list-style-type: none"> - Benzene - Toluene - Total Xylenes - Ethylbenzene c. Methyl Tertiary-Butyl Ether (MTBE) 50 ug/l | <ol style="list-style-type: none"> 2. For kerosene/diesel (EPA Method 610): <ul style="list-style-type: none"> a. Polynuclear Aromatic Hydrocarbons (PAHS)
(Best achievable detection limit, 10 ug/l maximum) |
|--|--|